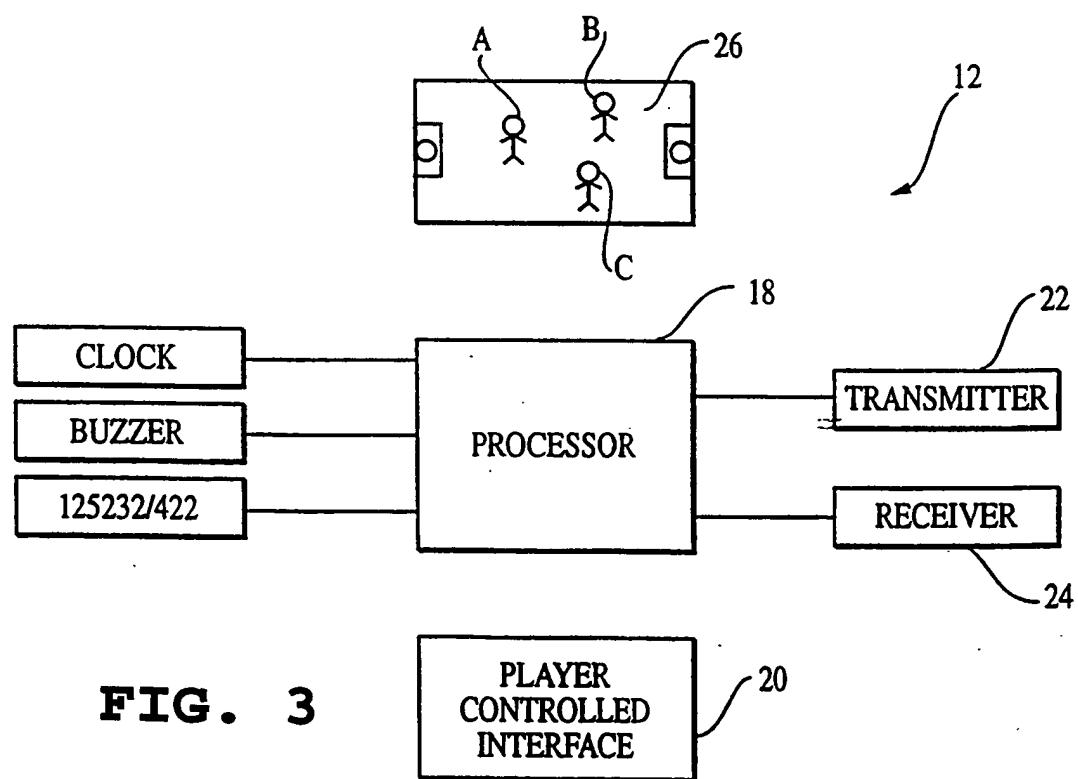
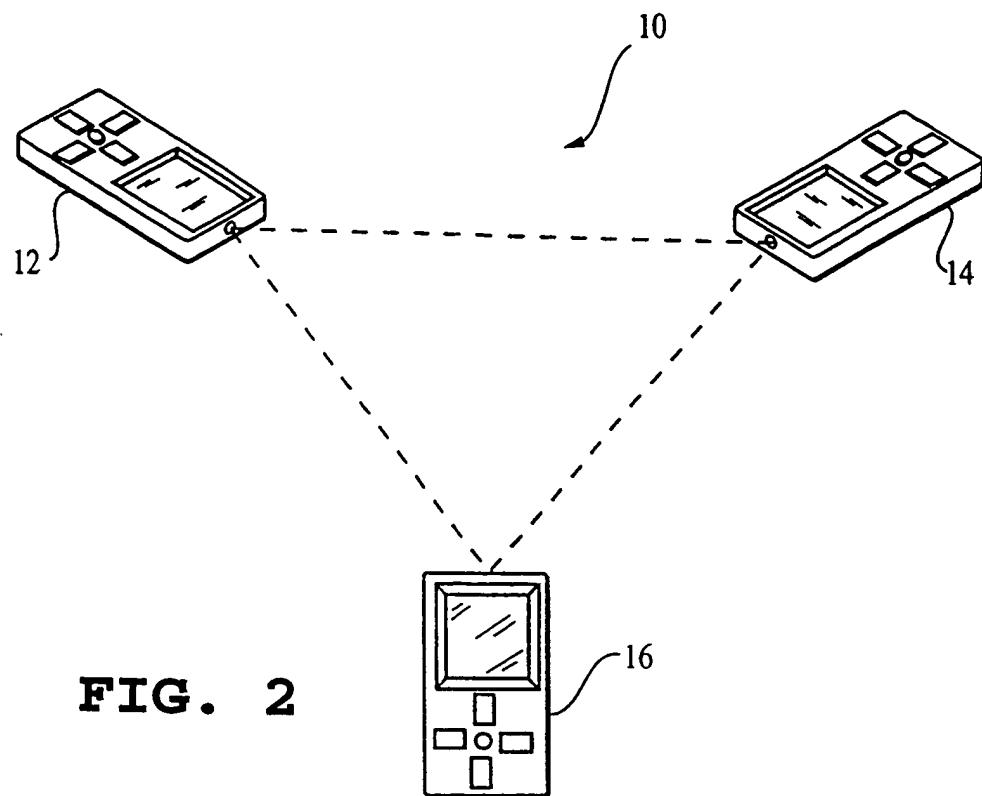


FIG. 1



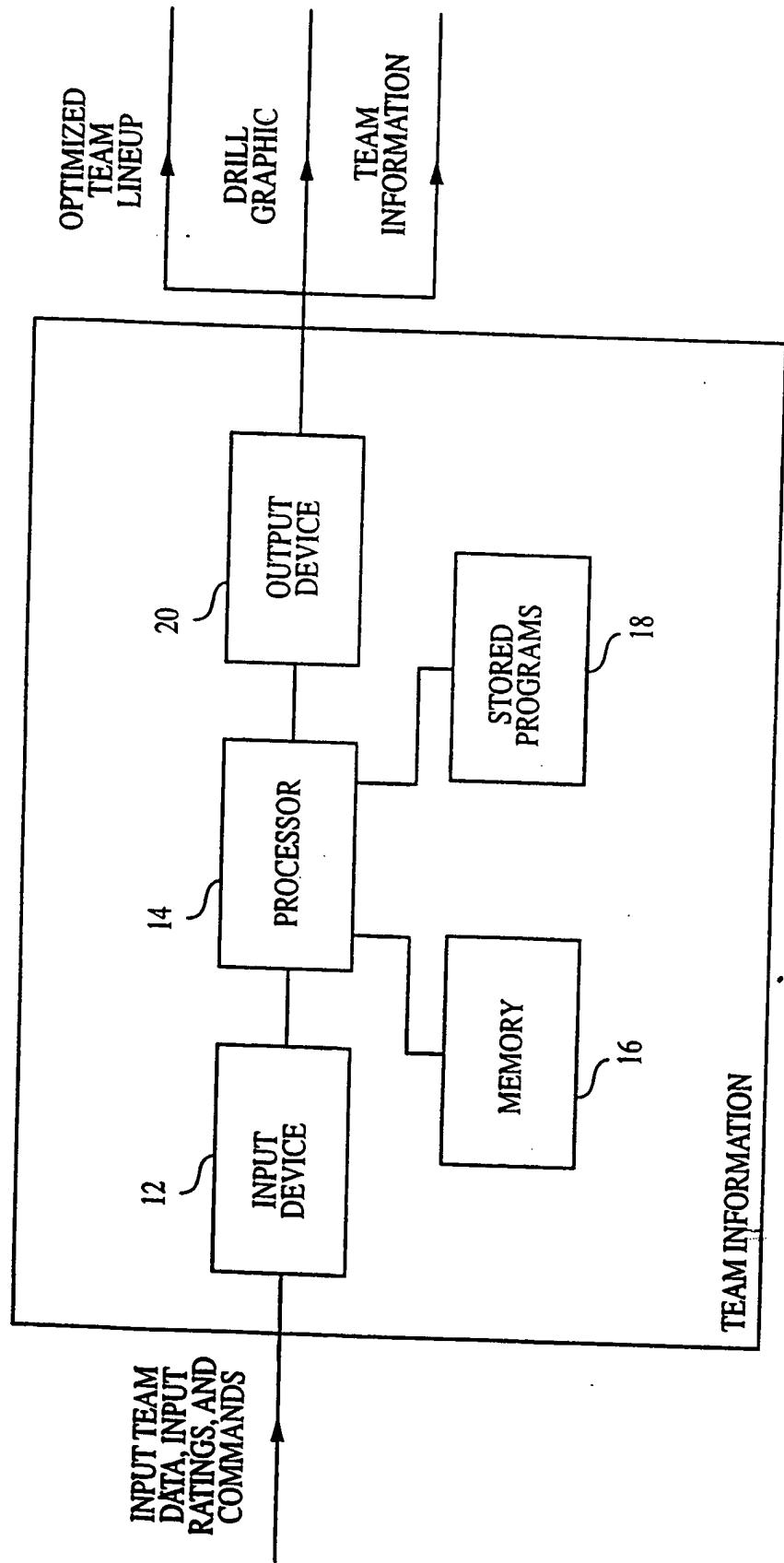


FIG. 4

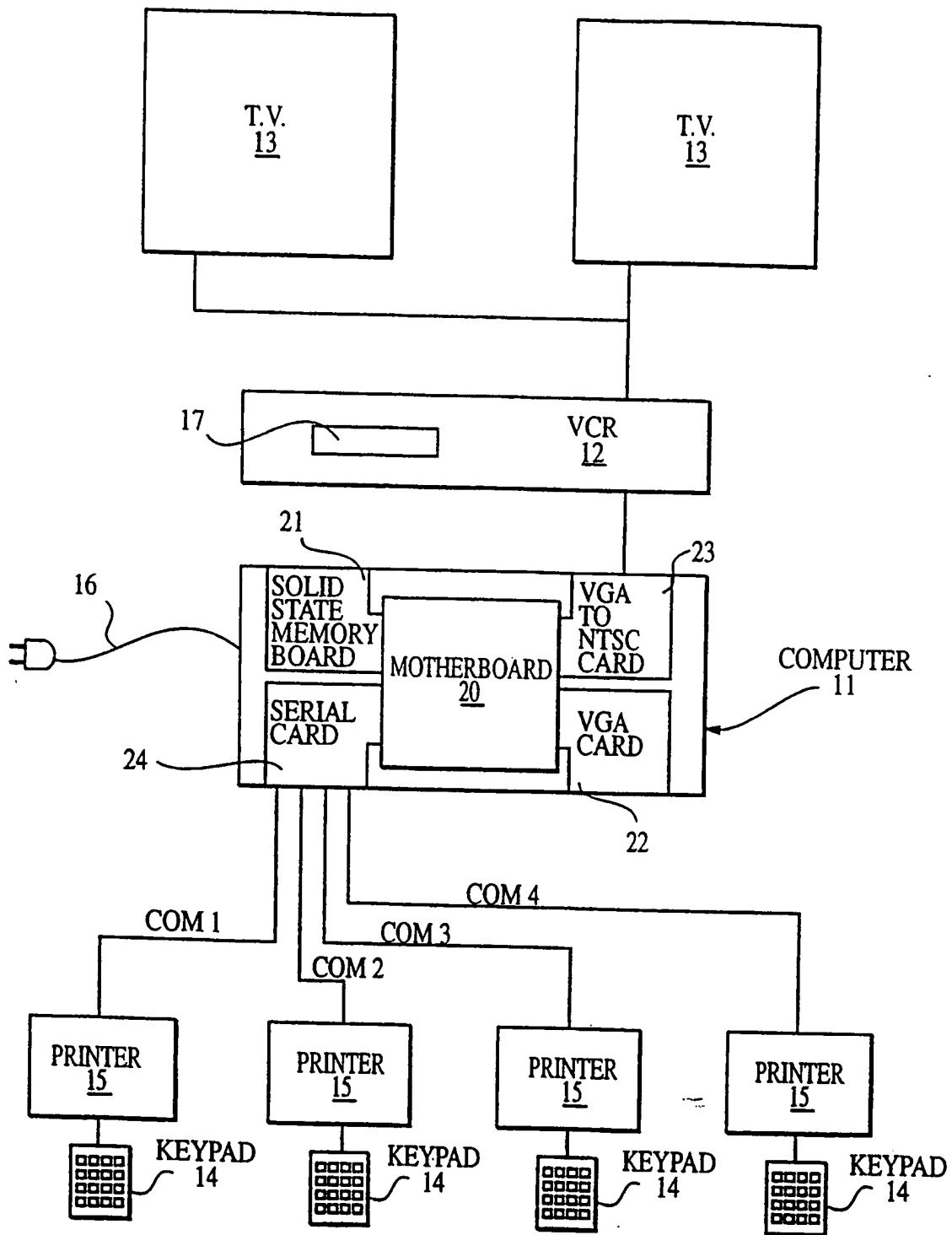


FIG. 5

PRIOR ART

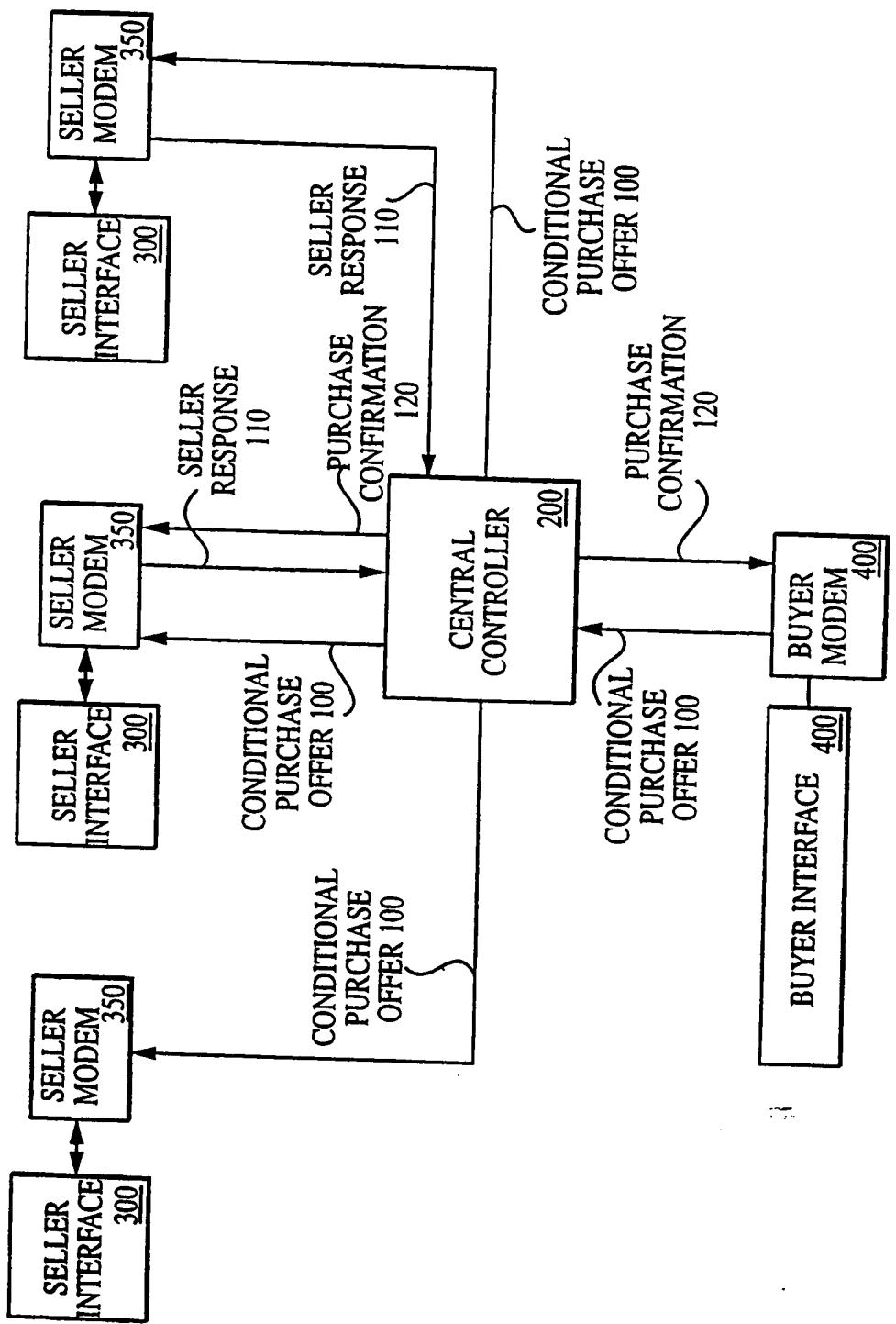
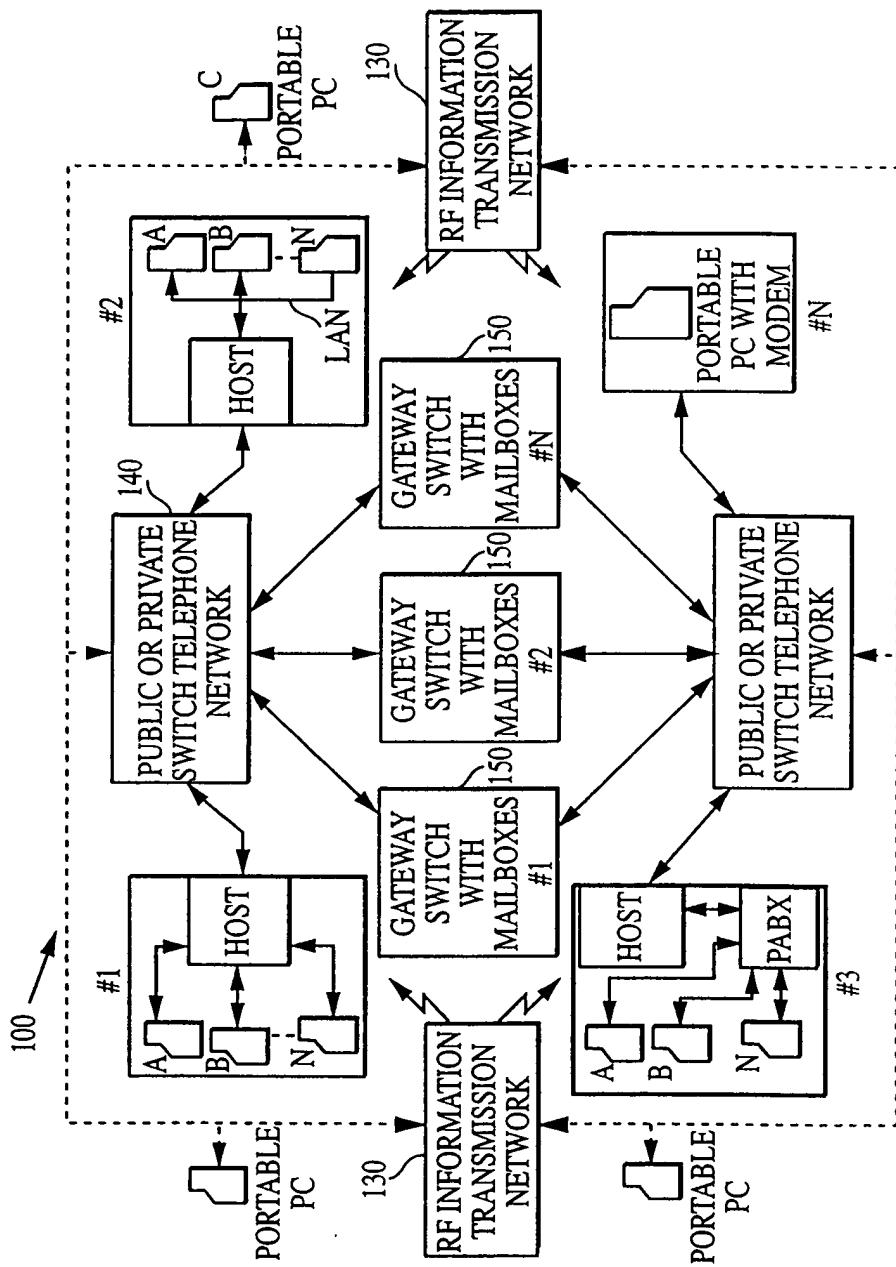


FIG 6
PRIOR ART

FIG. 7
PRIOR ART



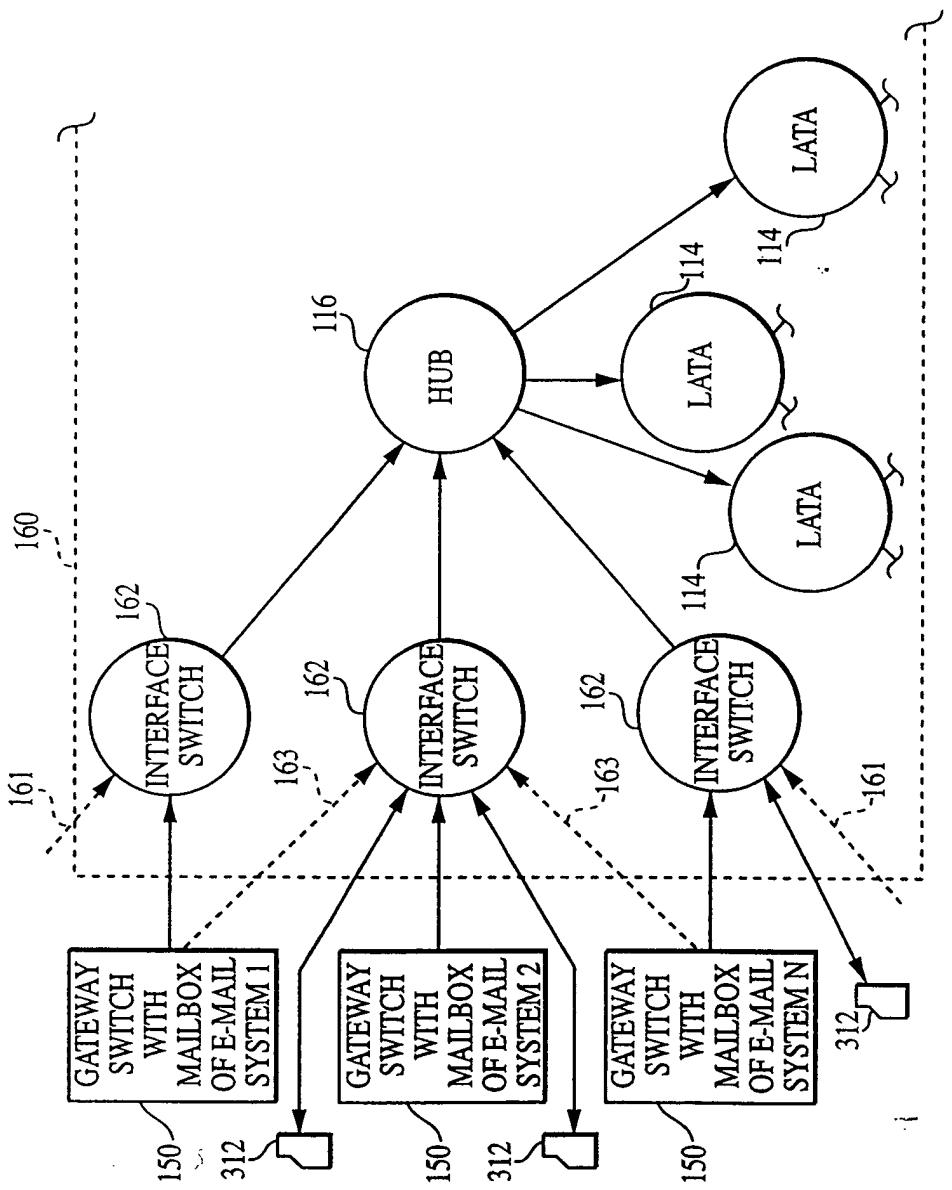


FIG. 8
PRIOR ART

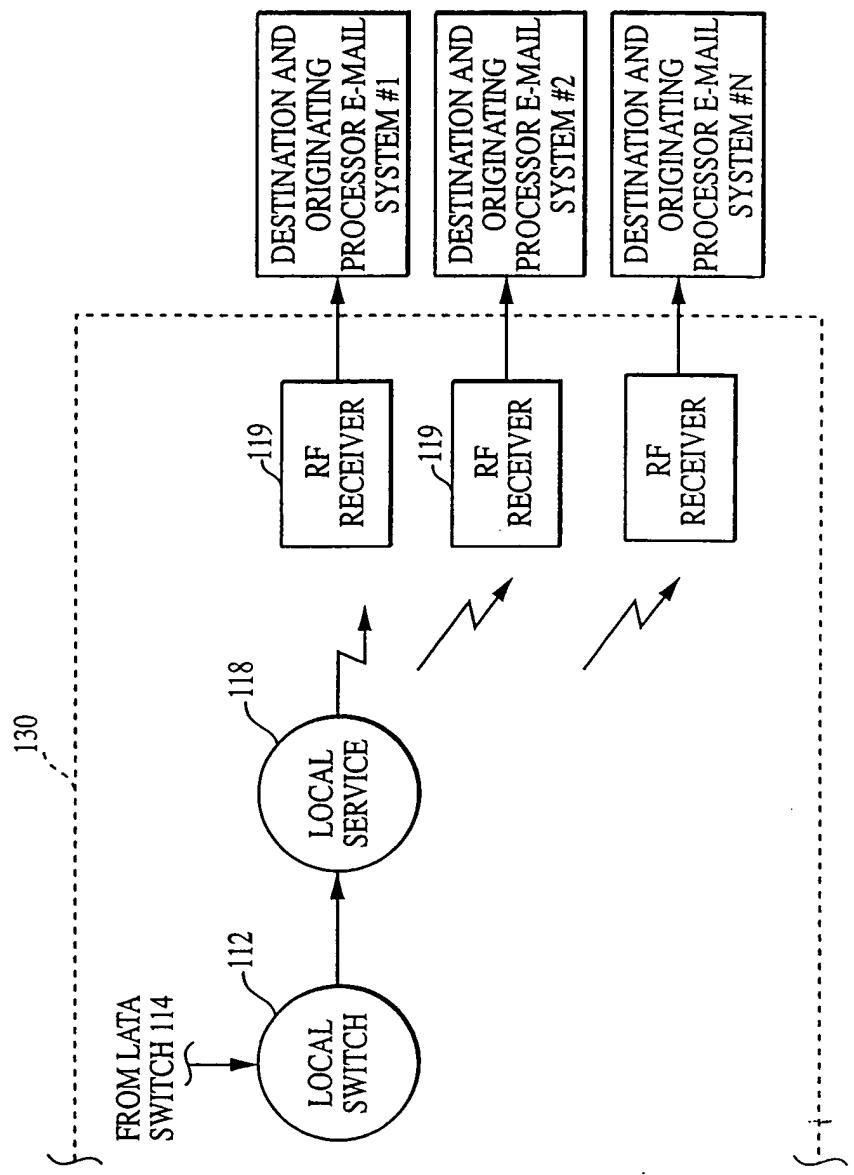


FIG. 9
PRIOR ART

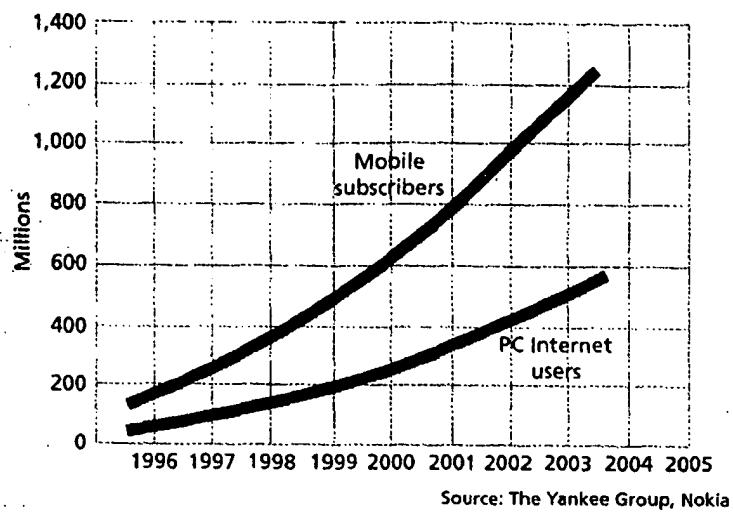


FIG. 10

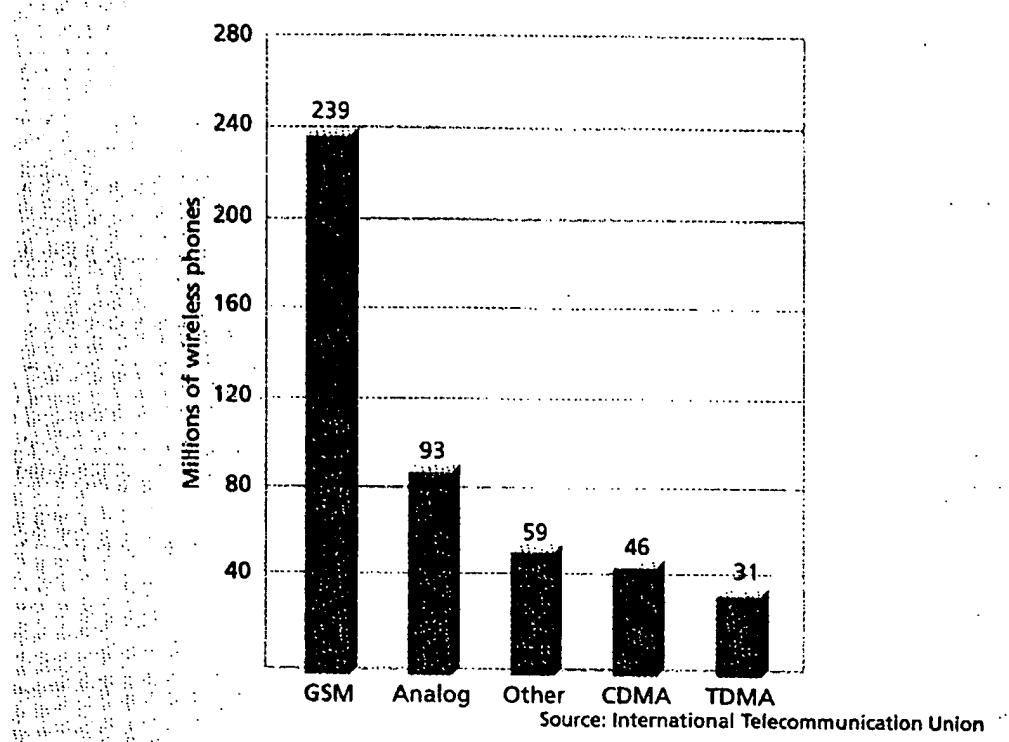
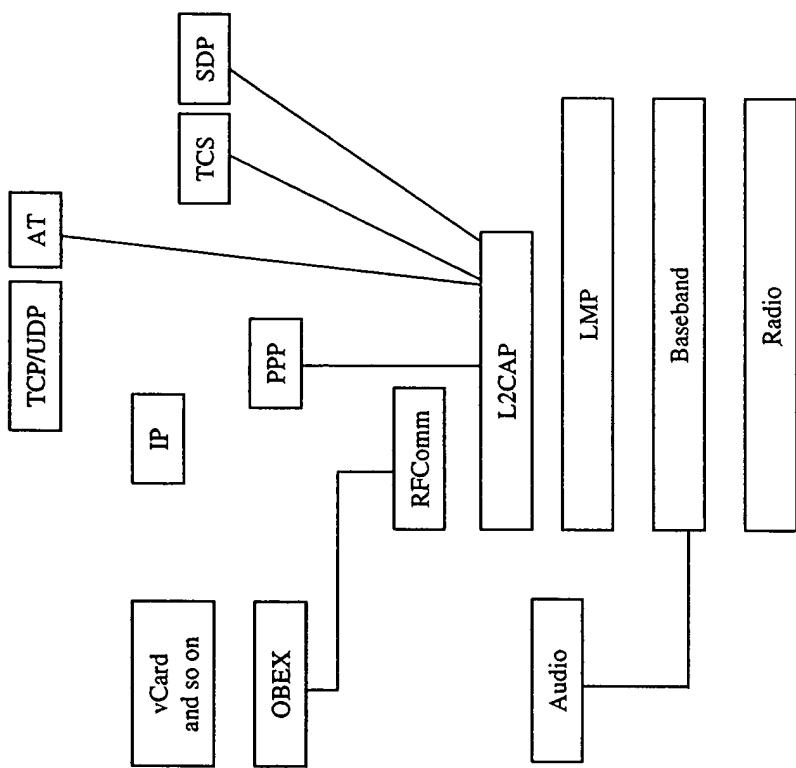


FIG. 11

FIG. 12



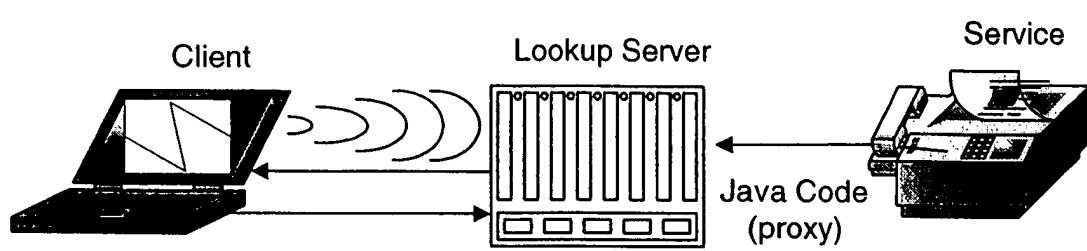


FIG. 13

FIG. 14

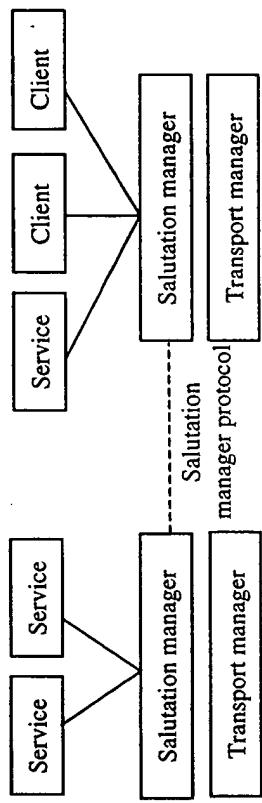
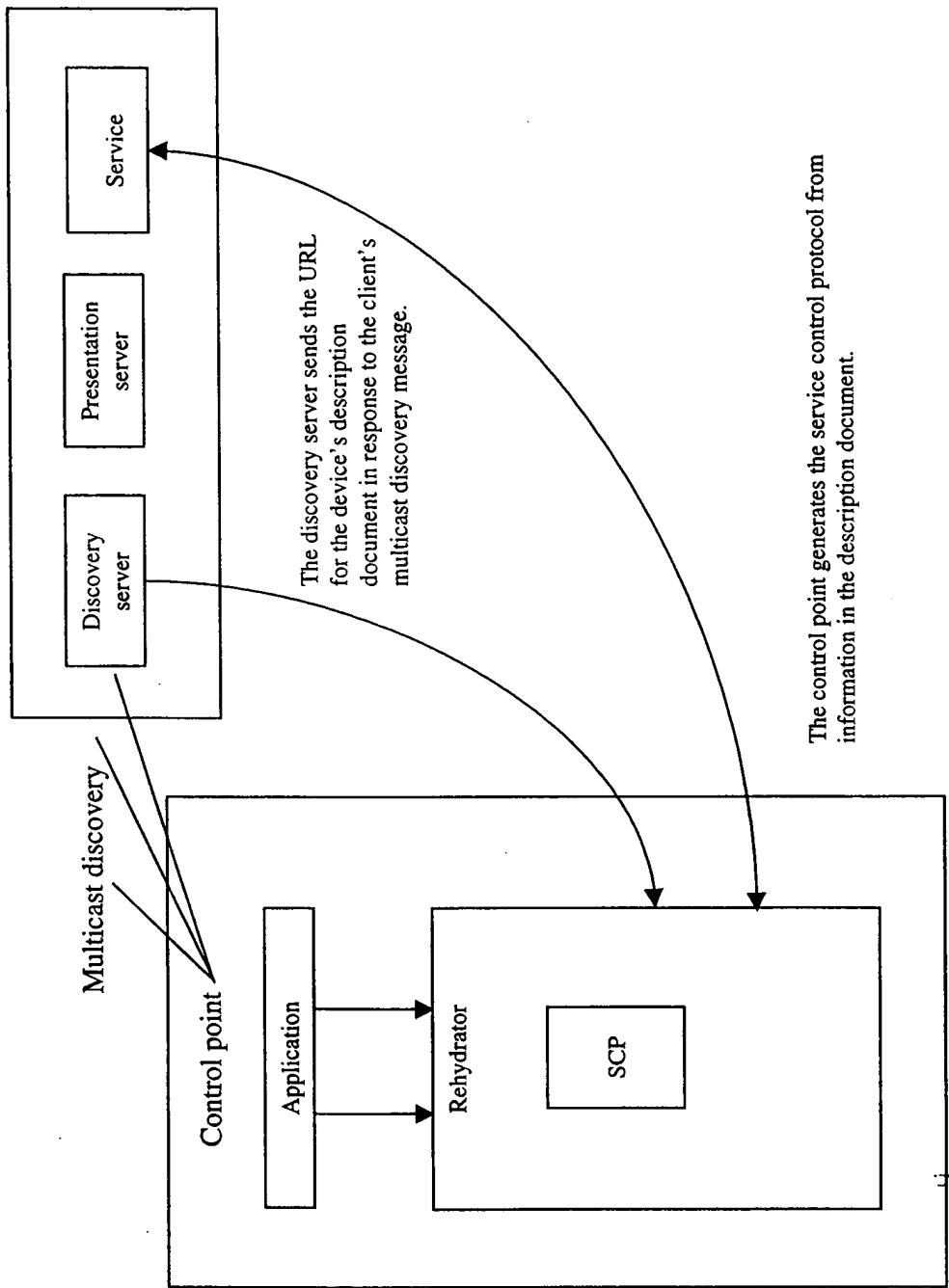


FIG. 15



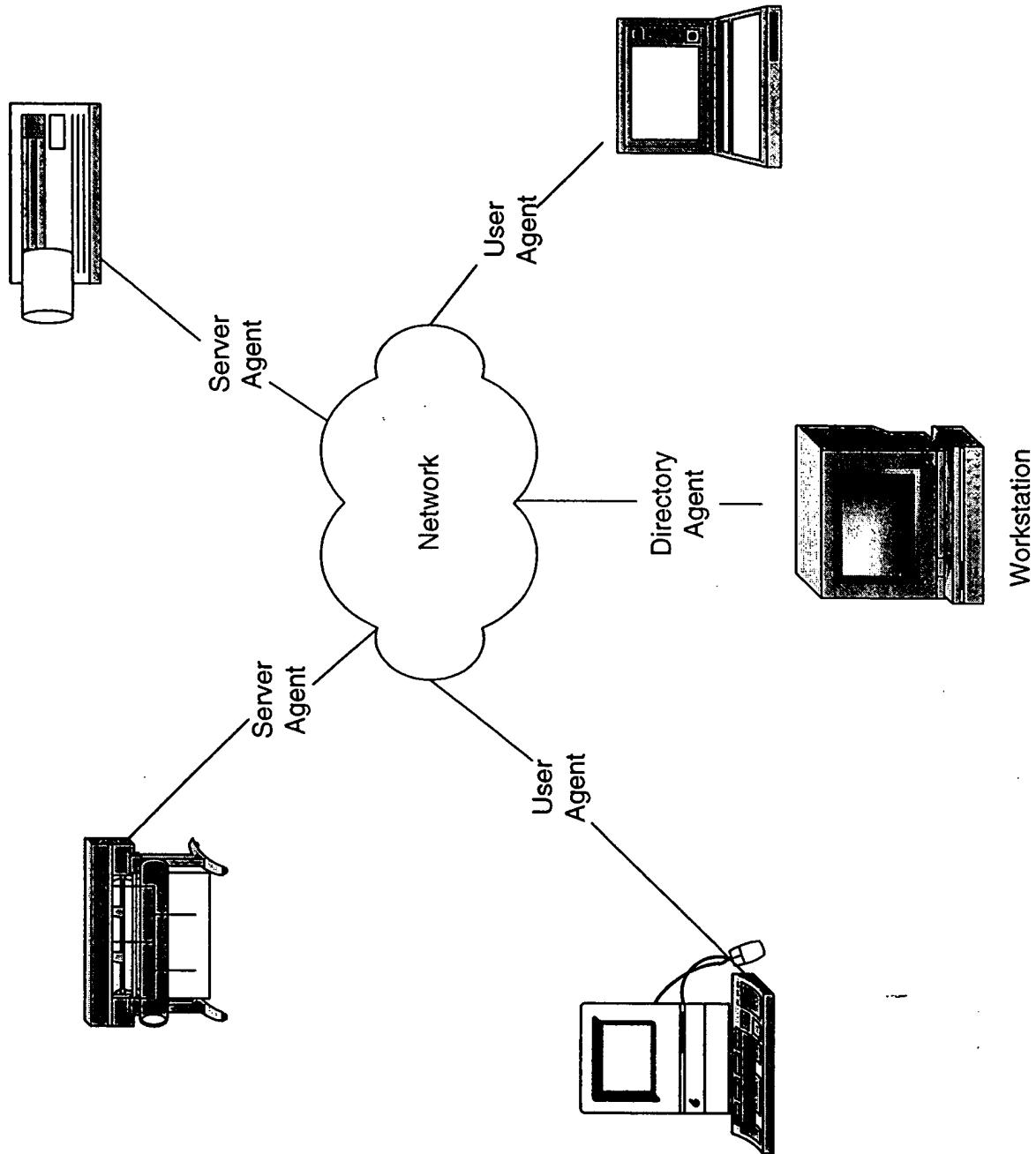


FIG 16

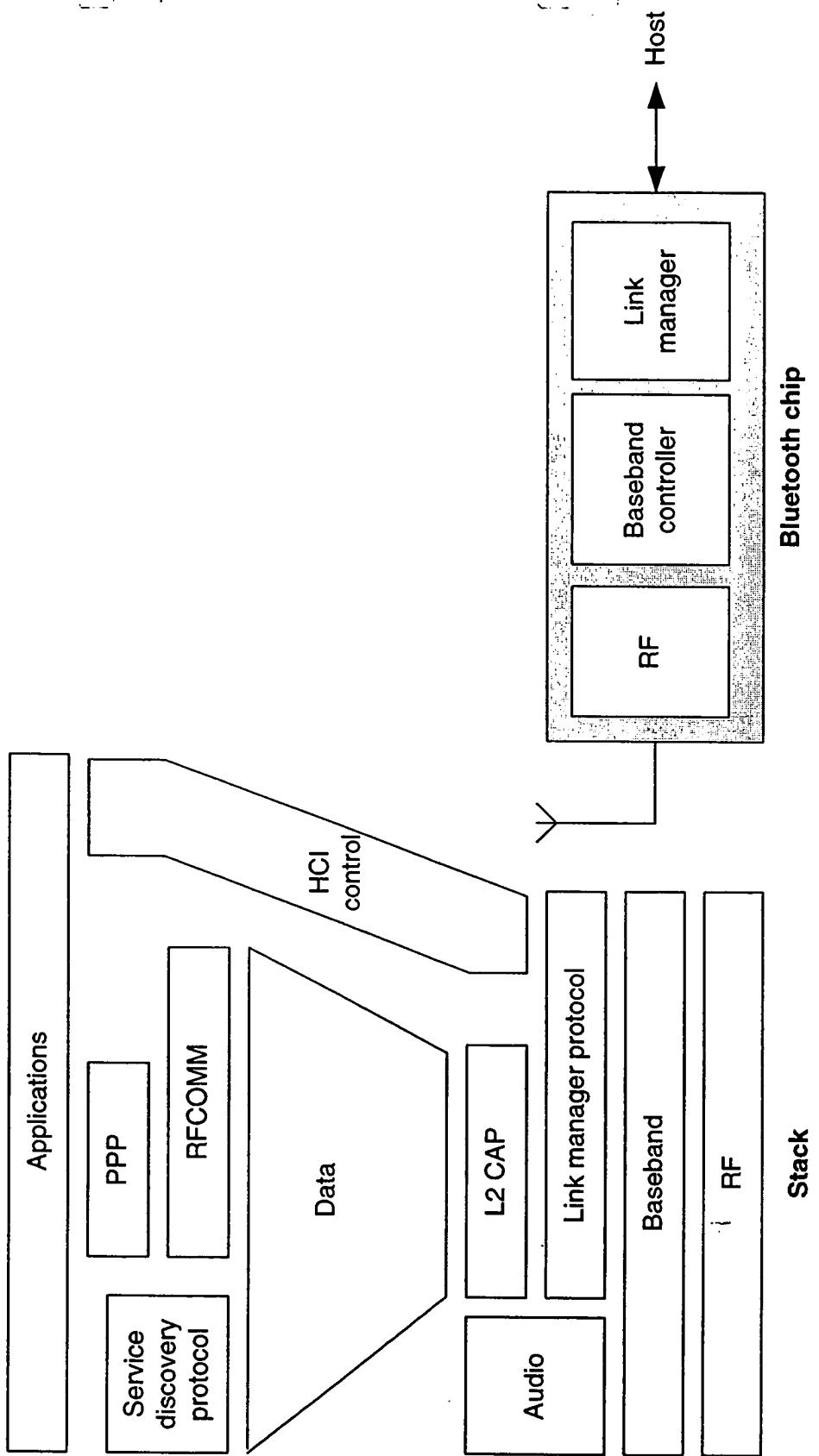
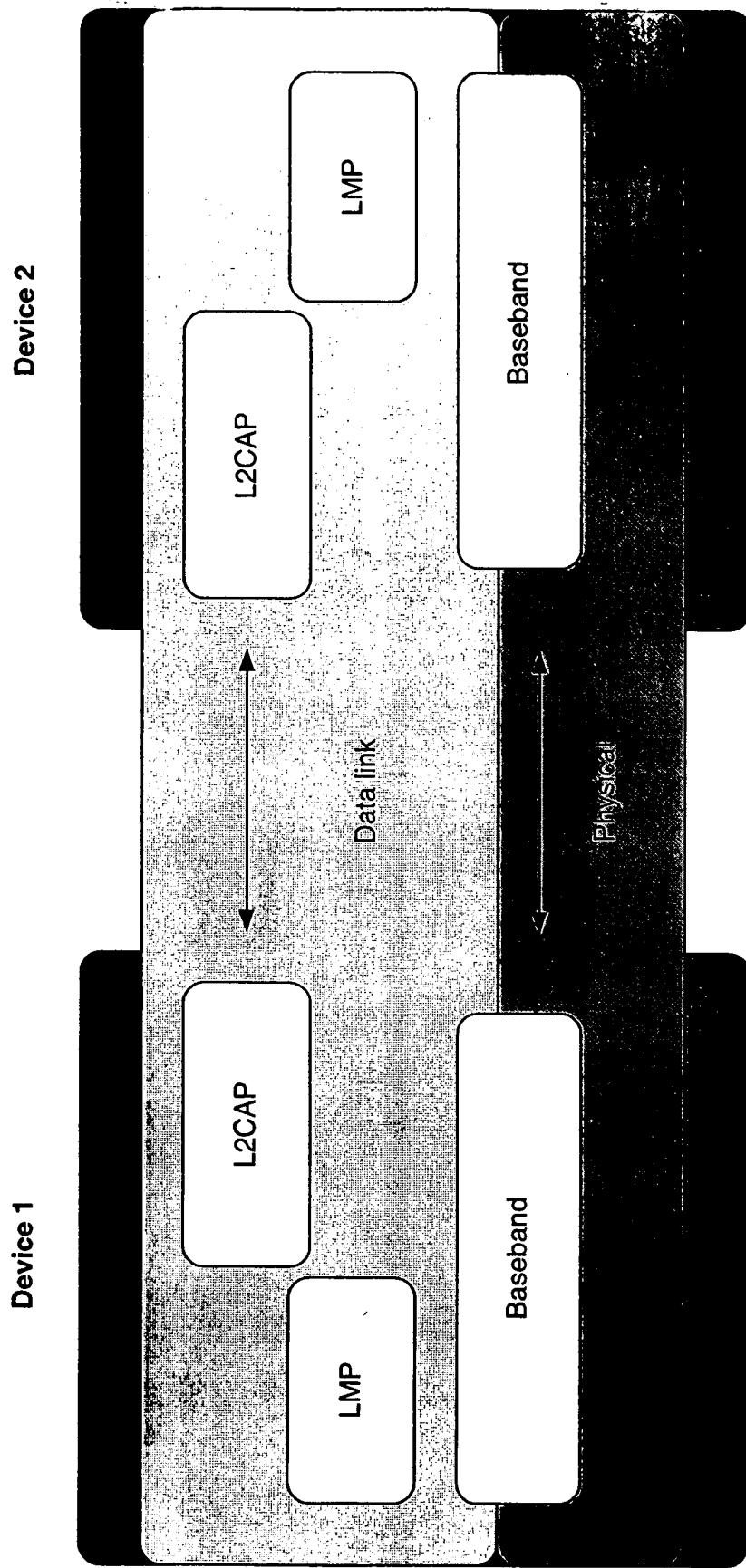
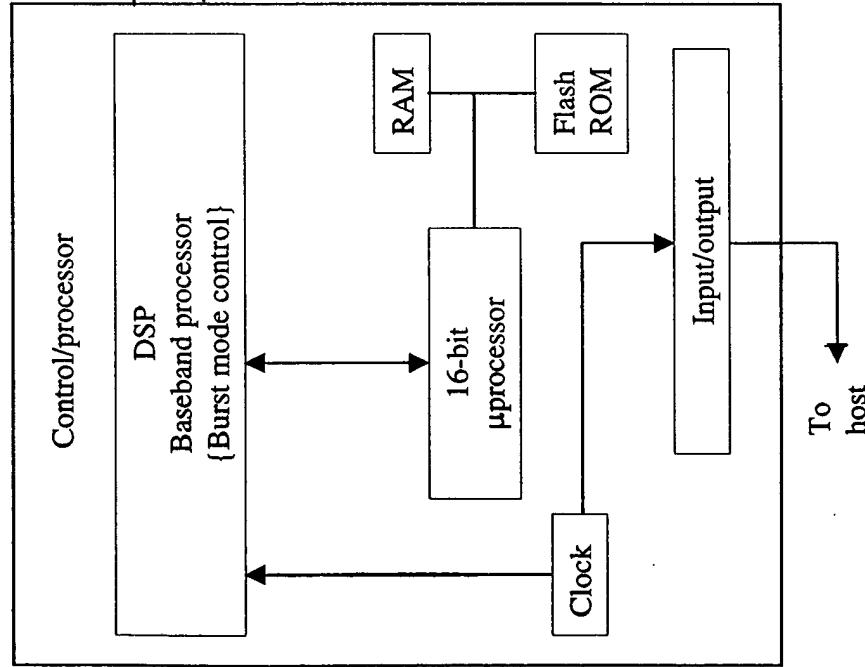


FIG. 17

FIG. 18



Baseband



RF

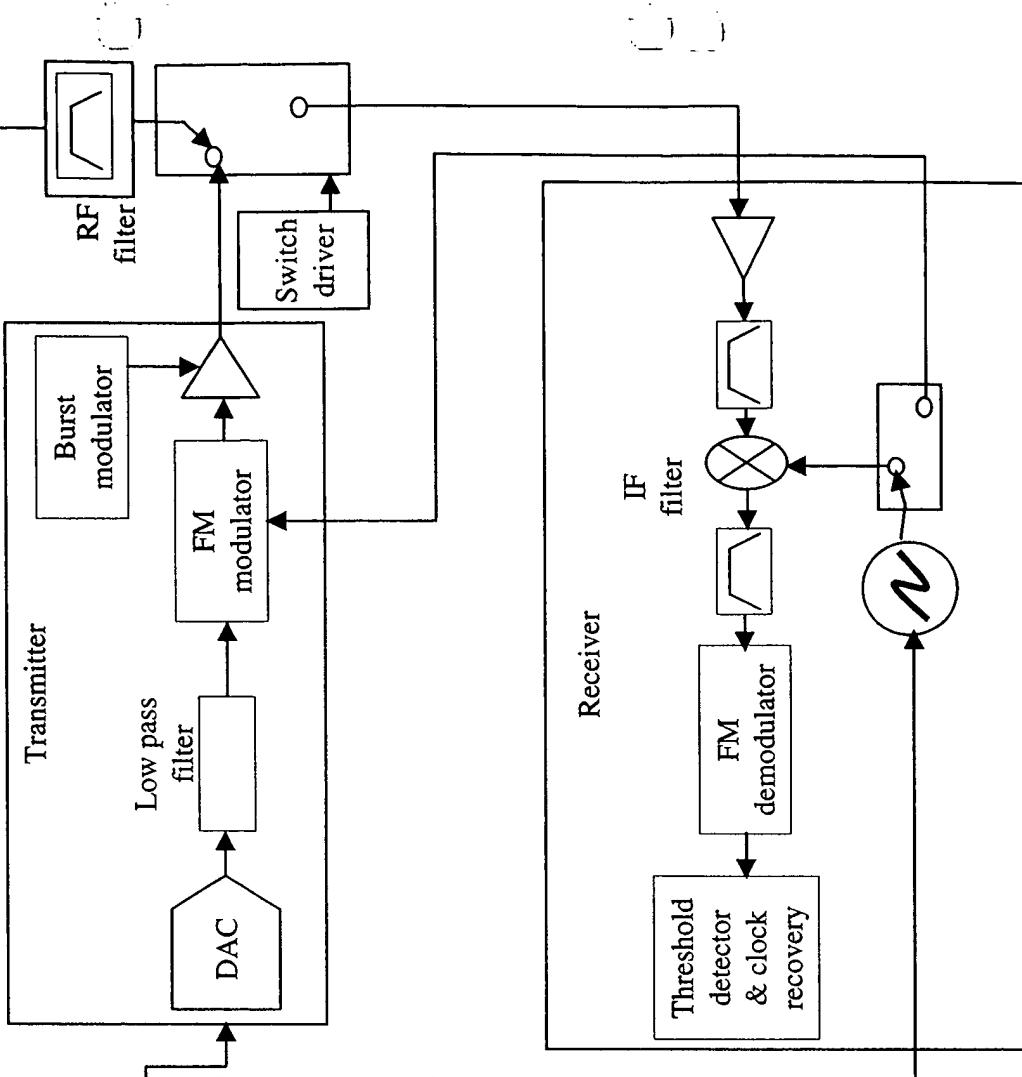


FIG. 19

FIG. 20

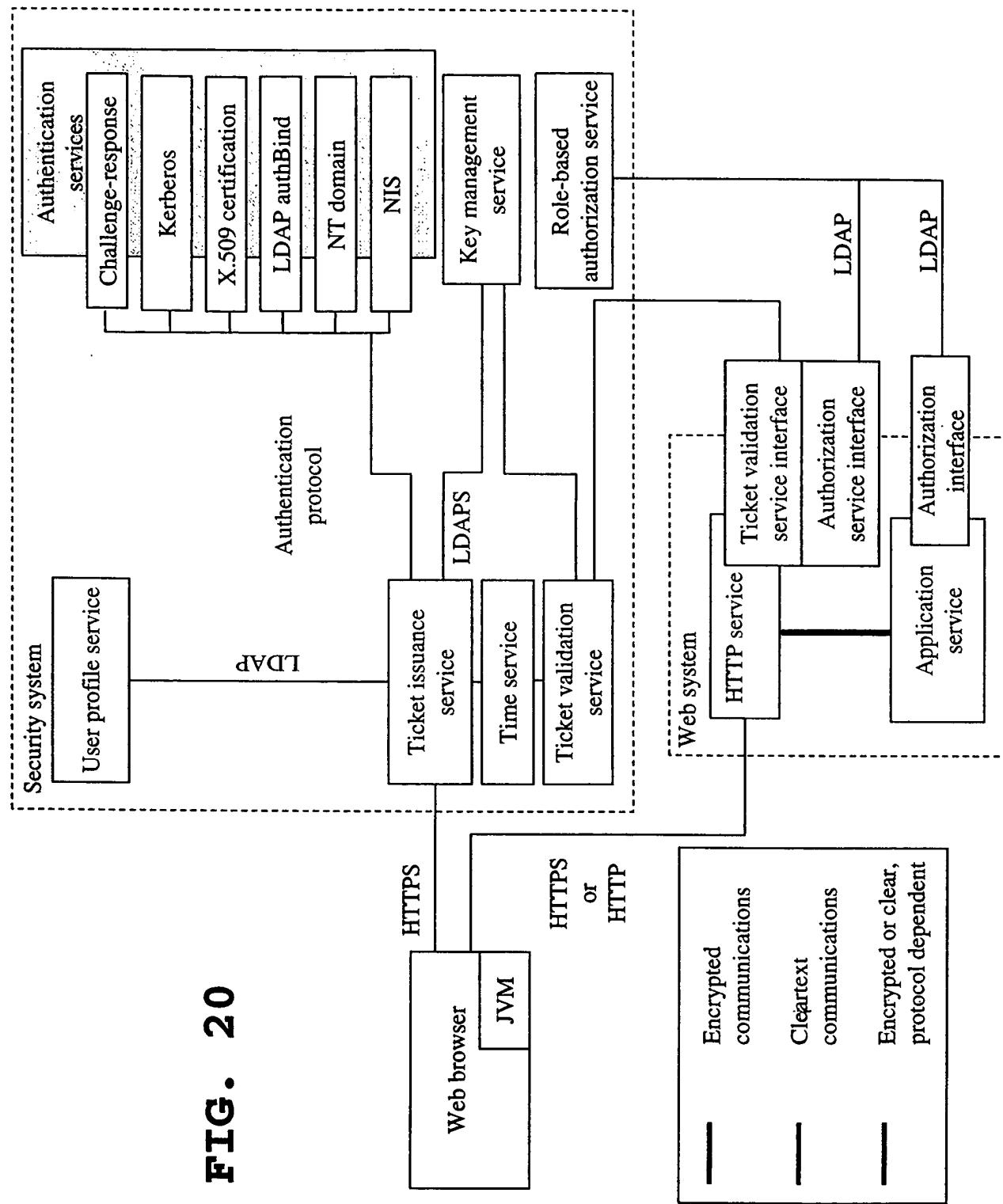
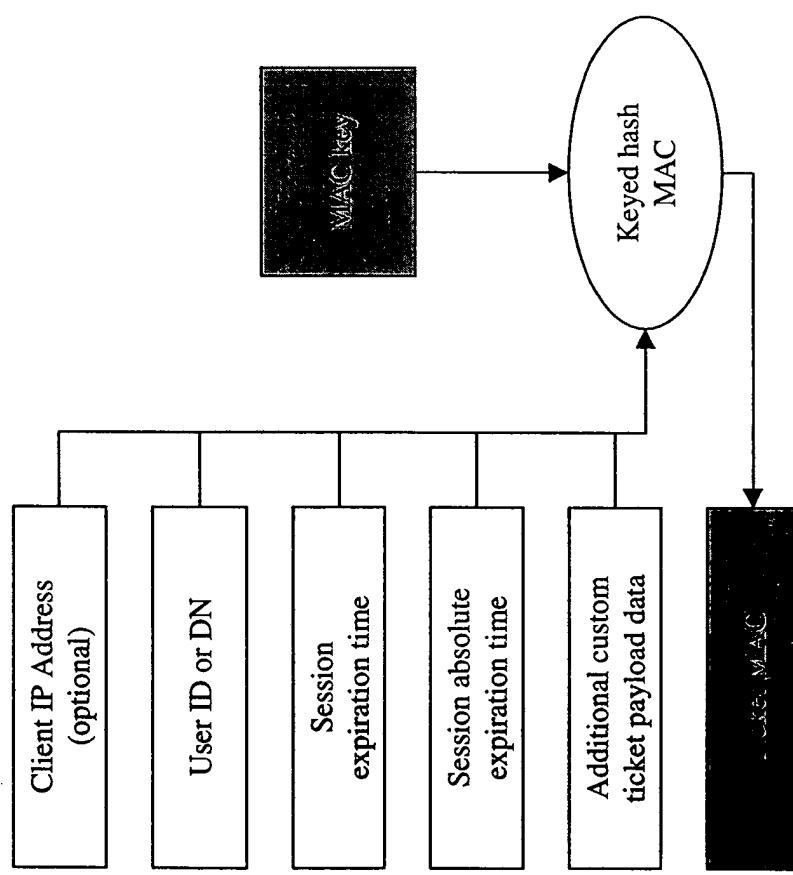


FIG. 21



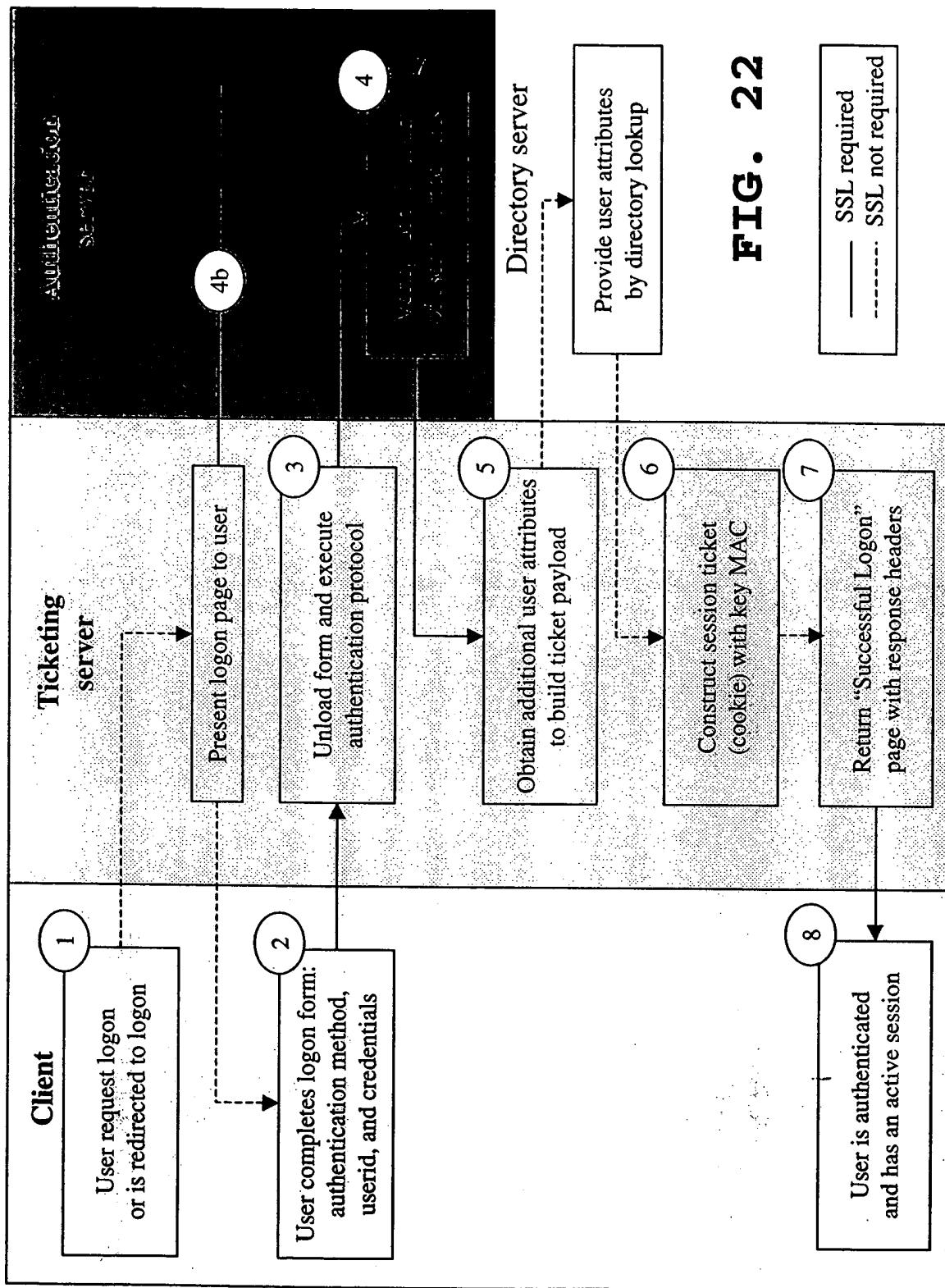


FIG. 22

FIG. 23

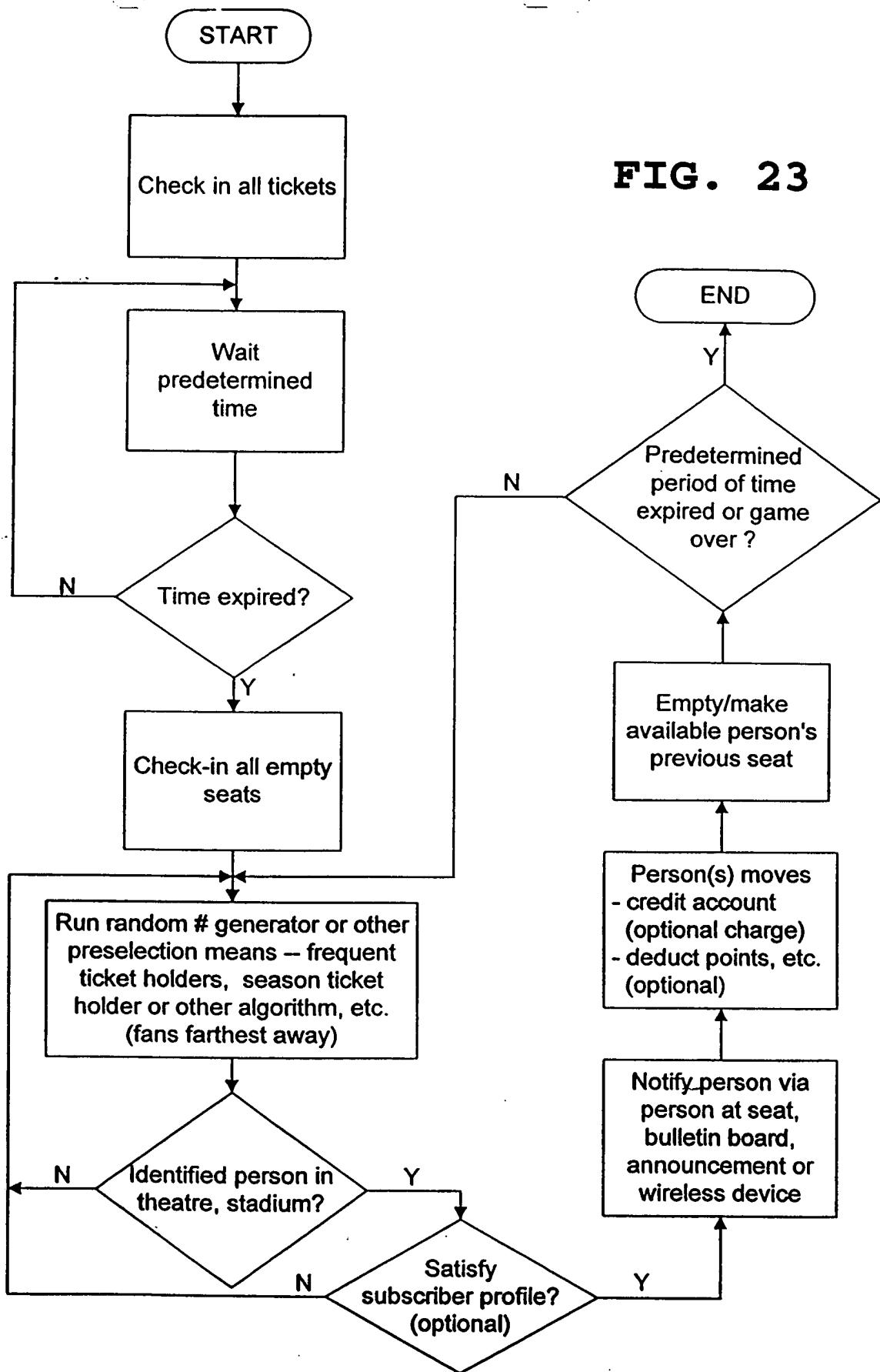


FIG. 24

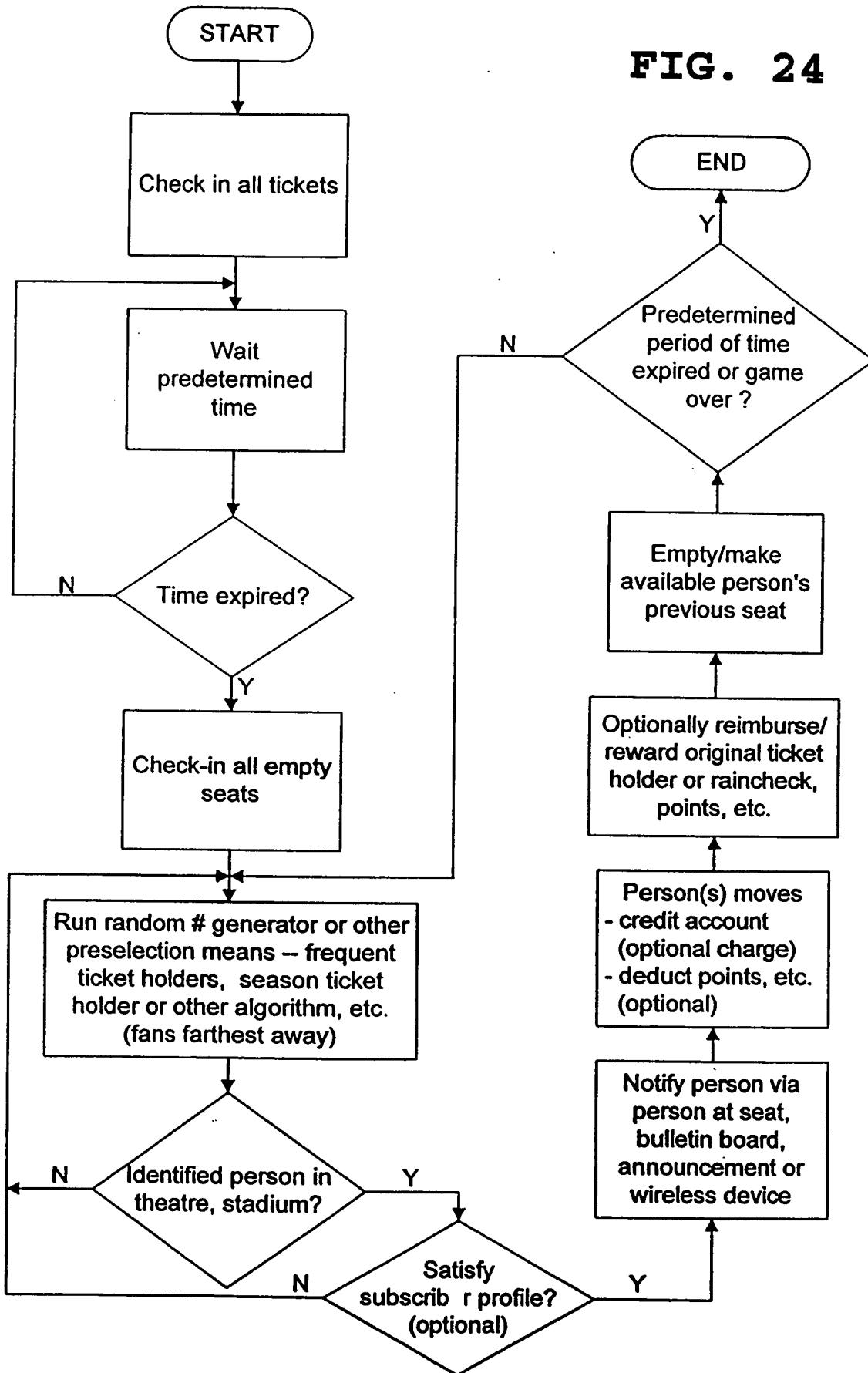


FIG. 25

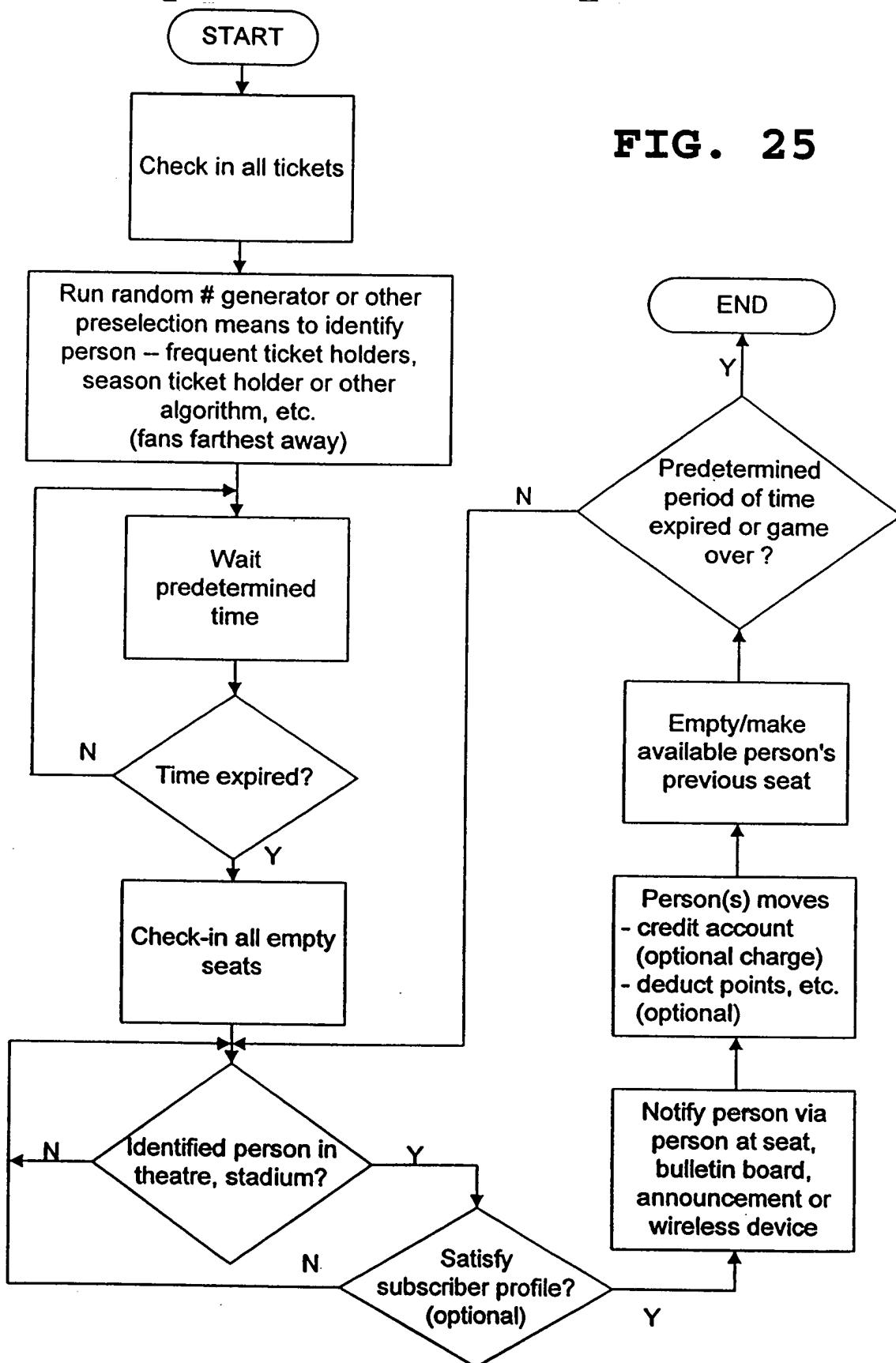


FIG. 26

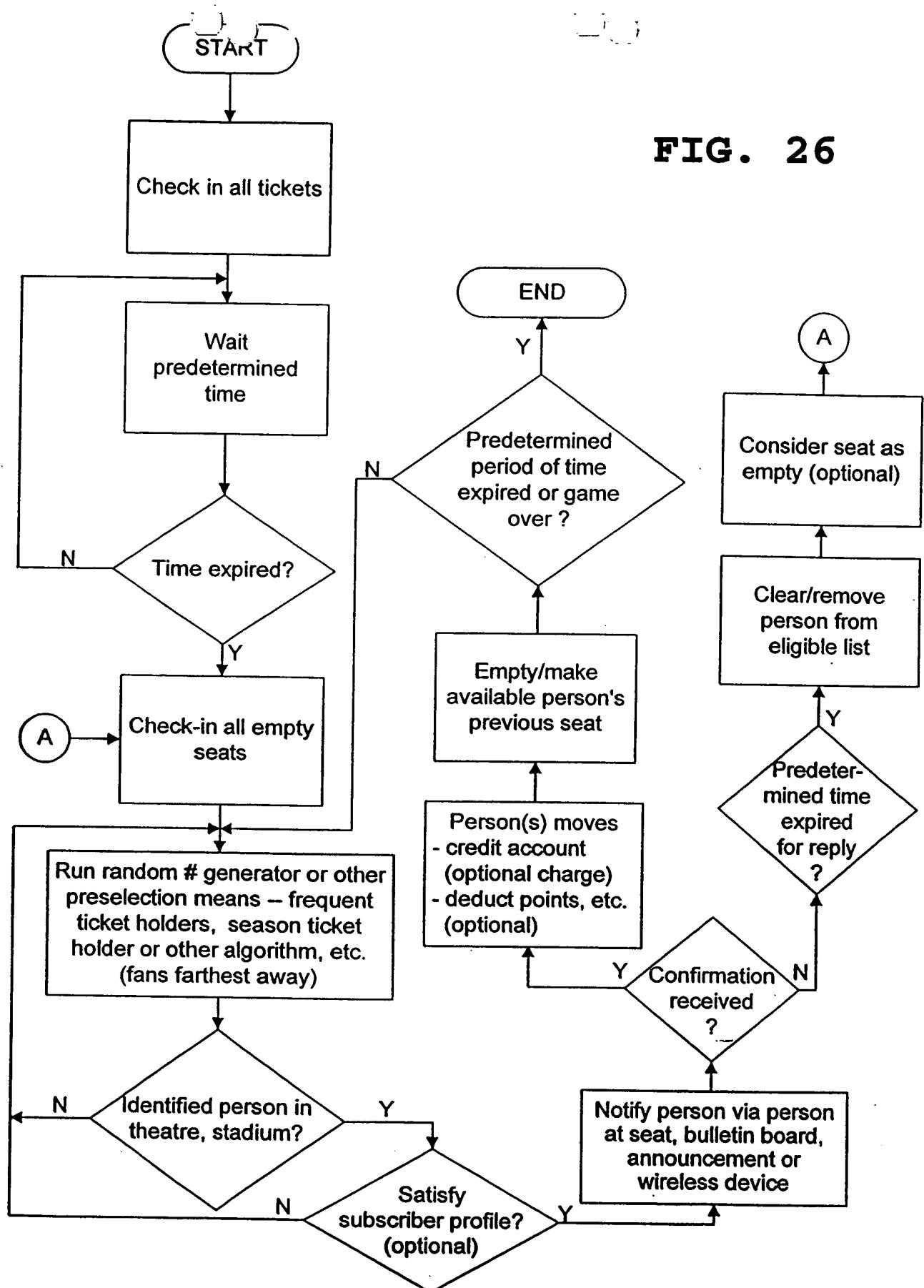


FIG. 27

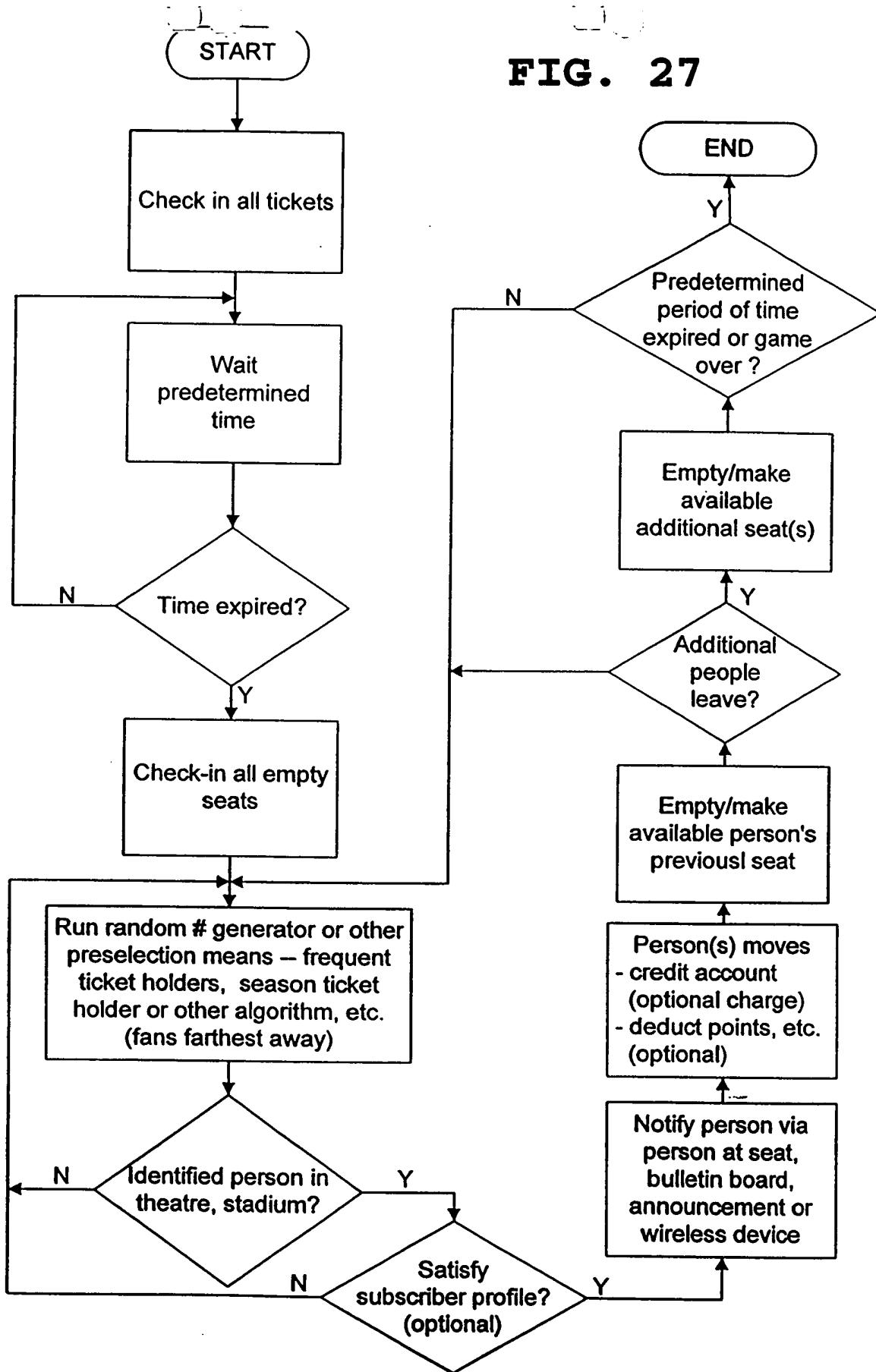


FIG. 28

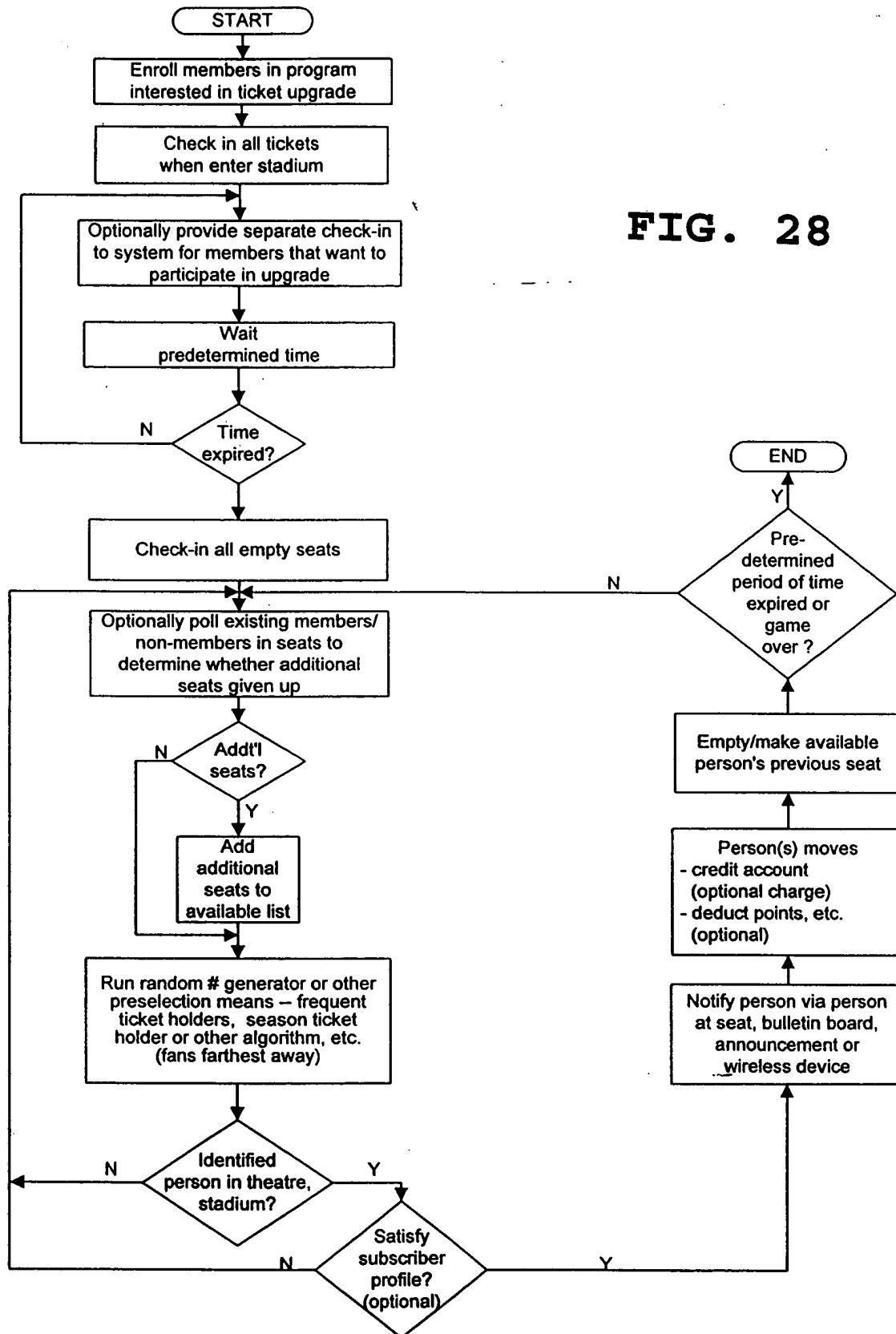


FIG. 29

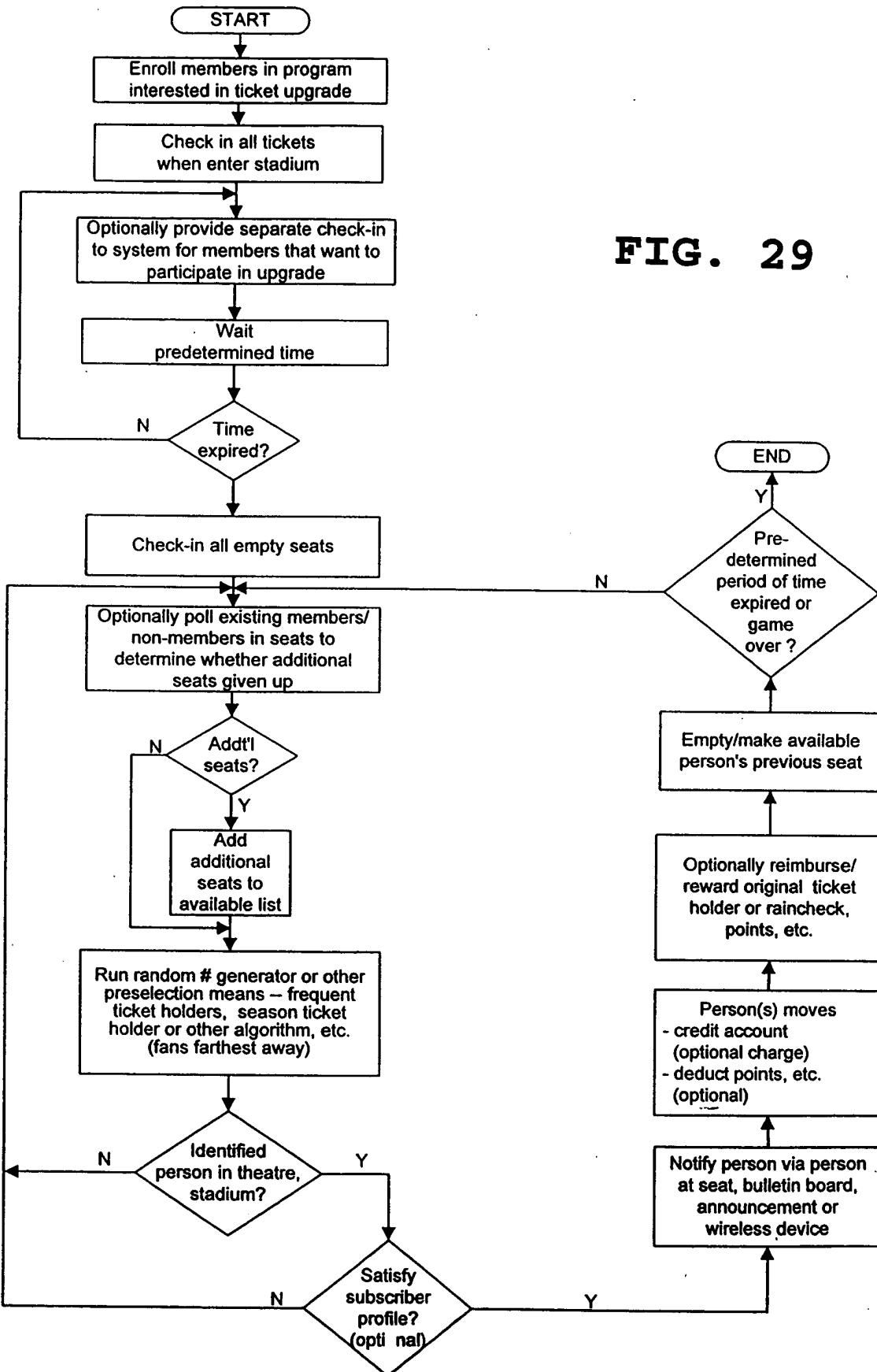


FIG. 30

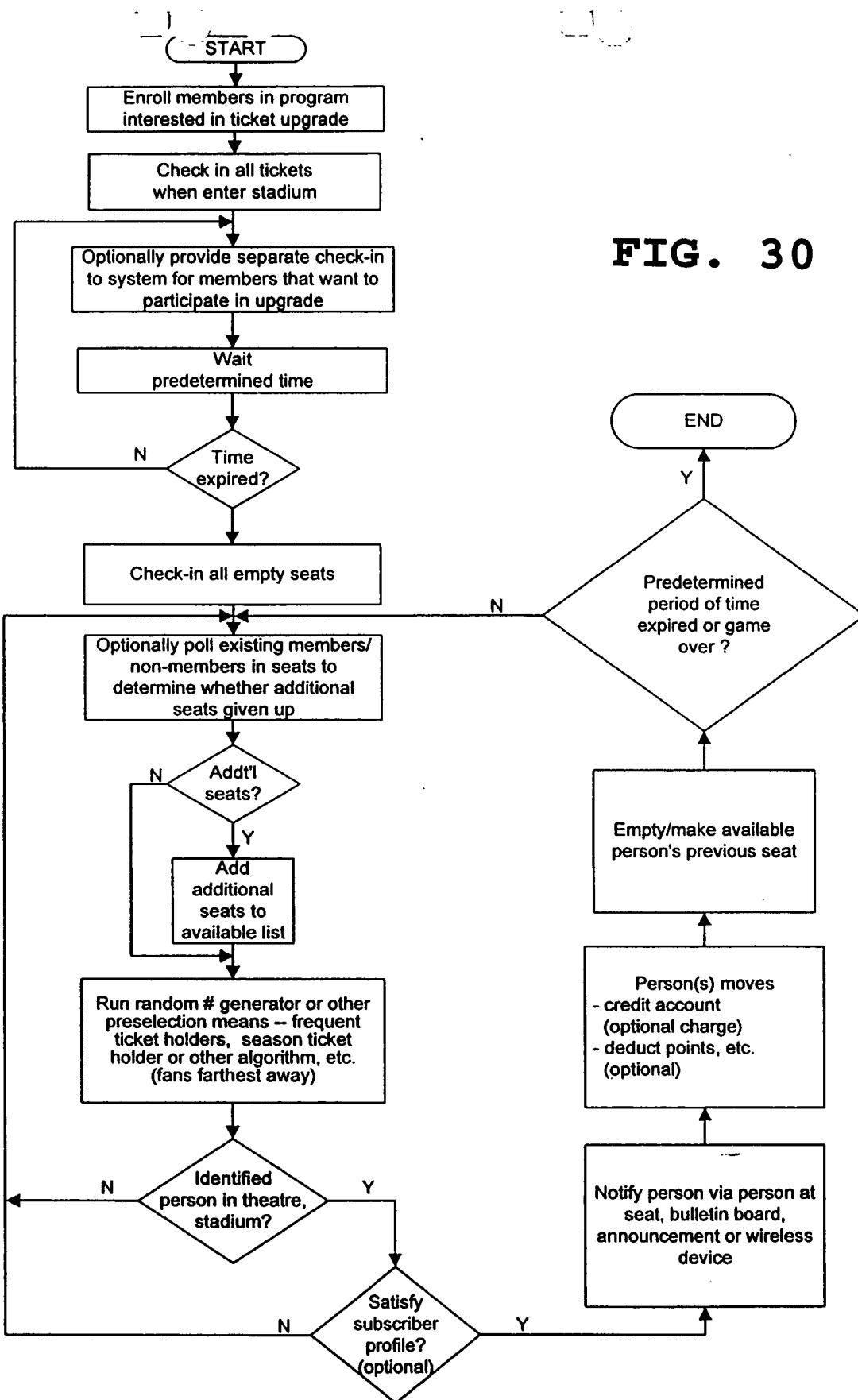
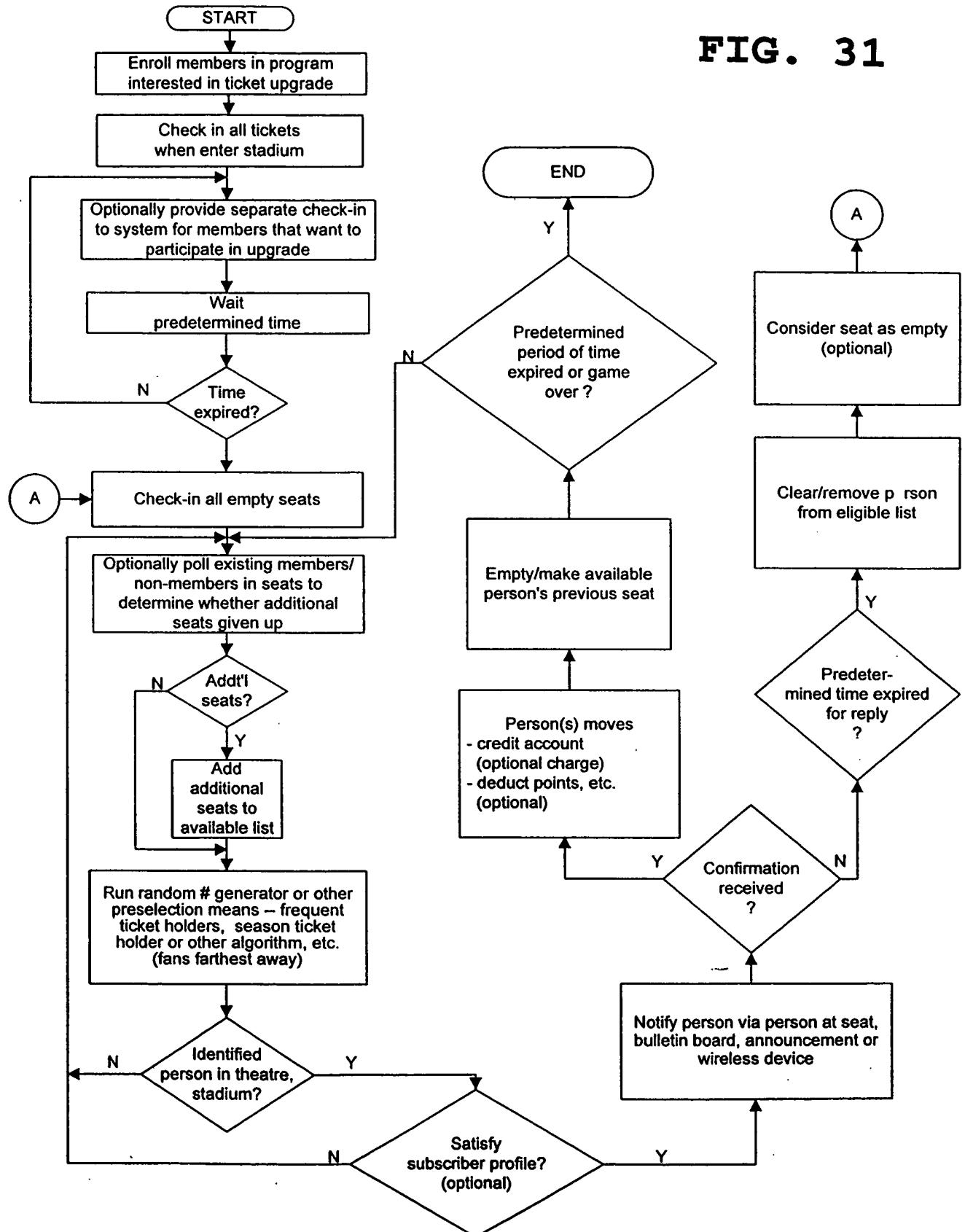


FIG. 31



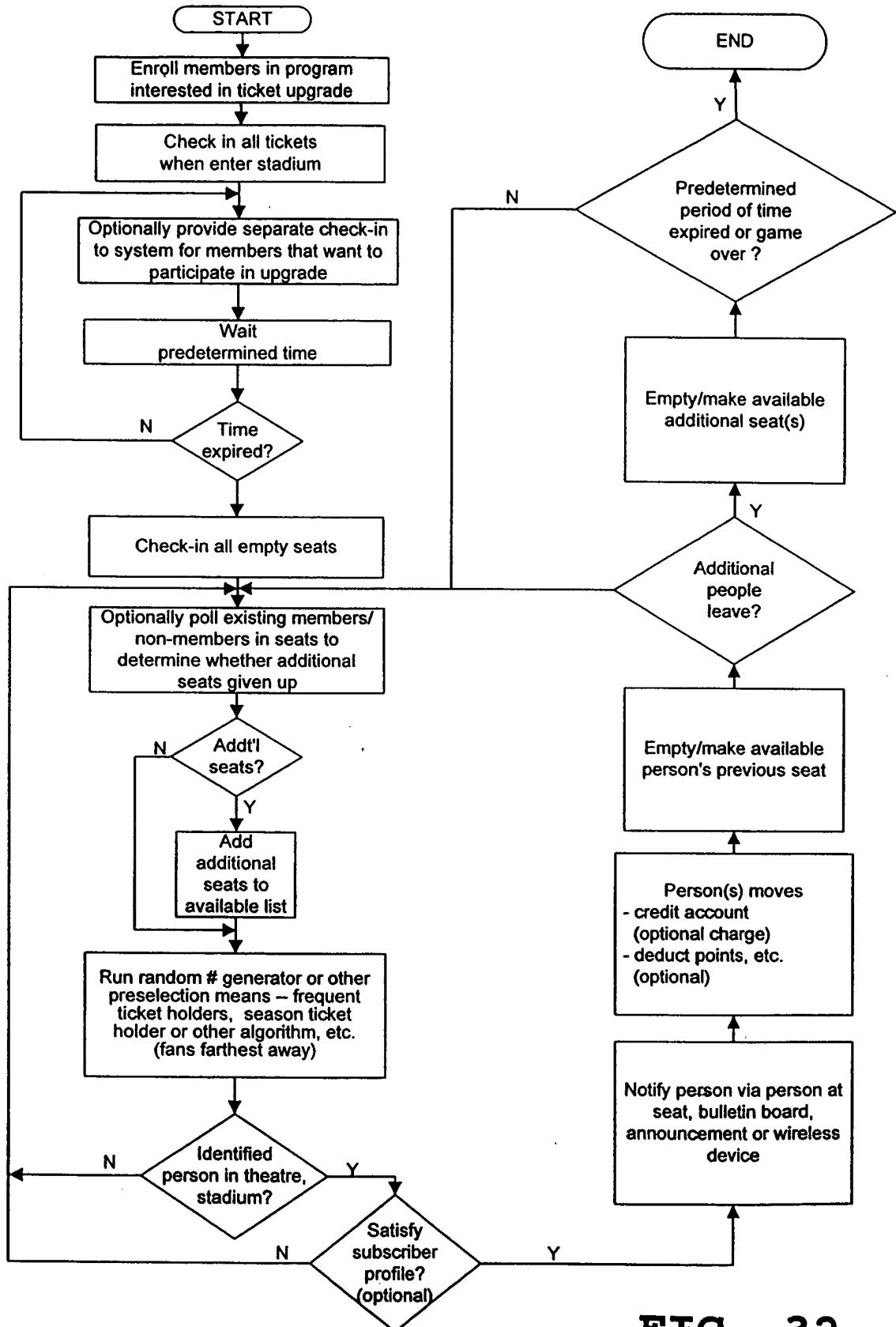


FIG. 32

FIG. 33

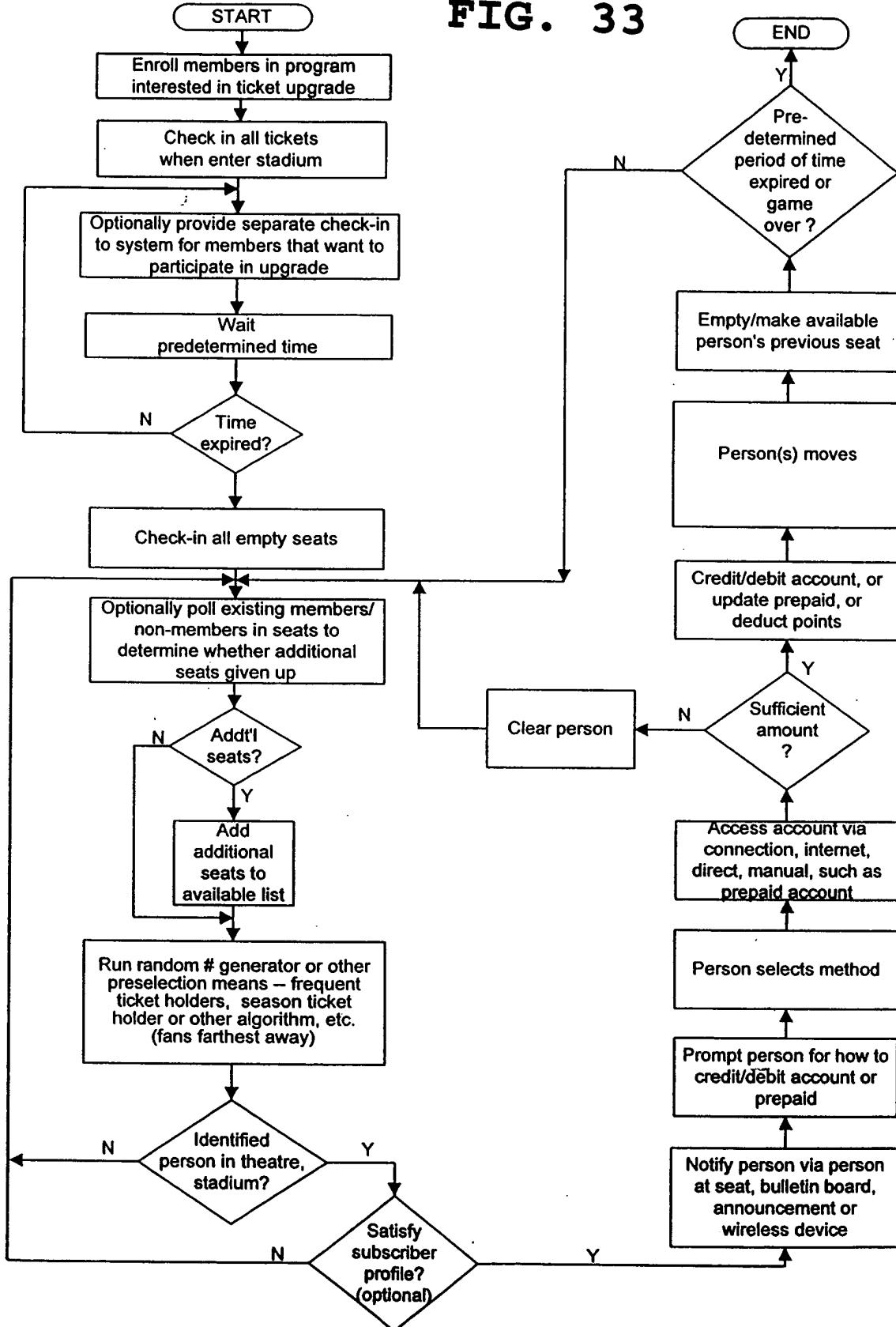
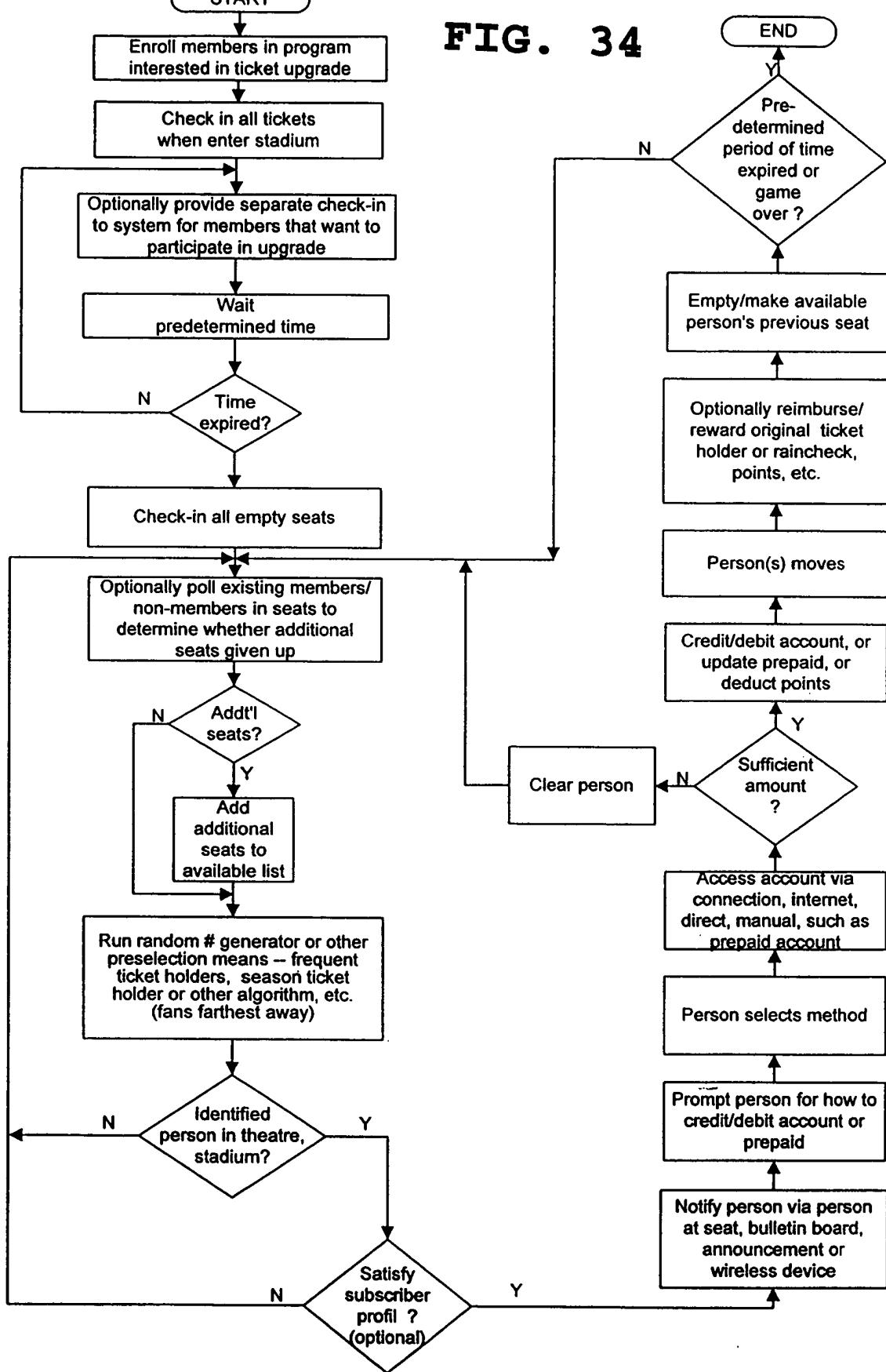


FIG. 34



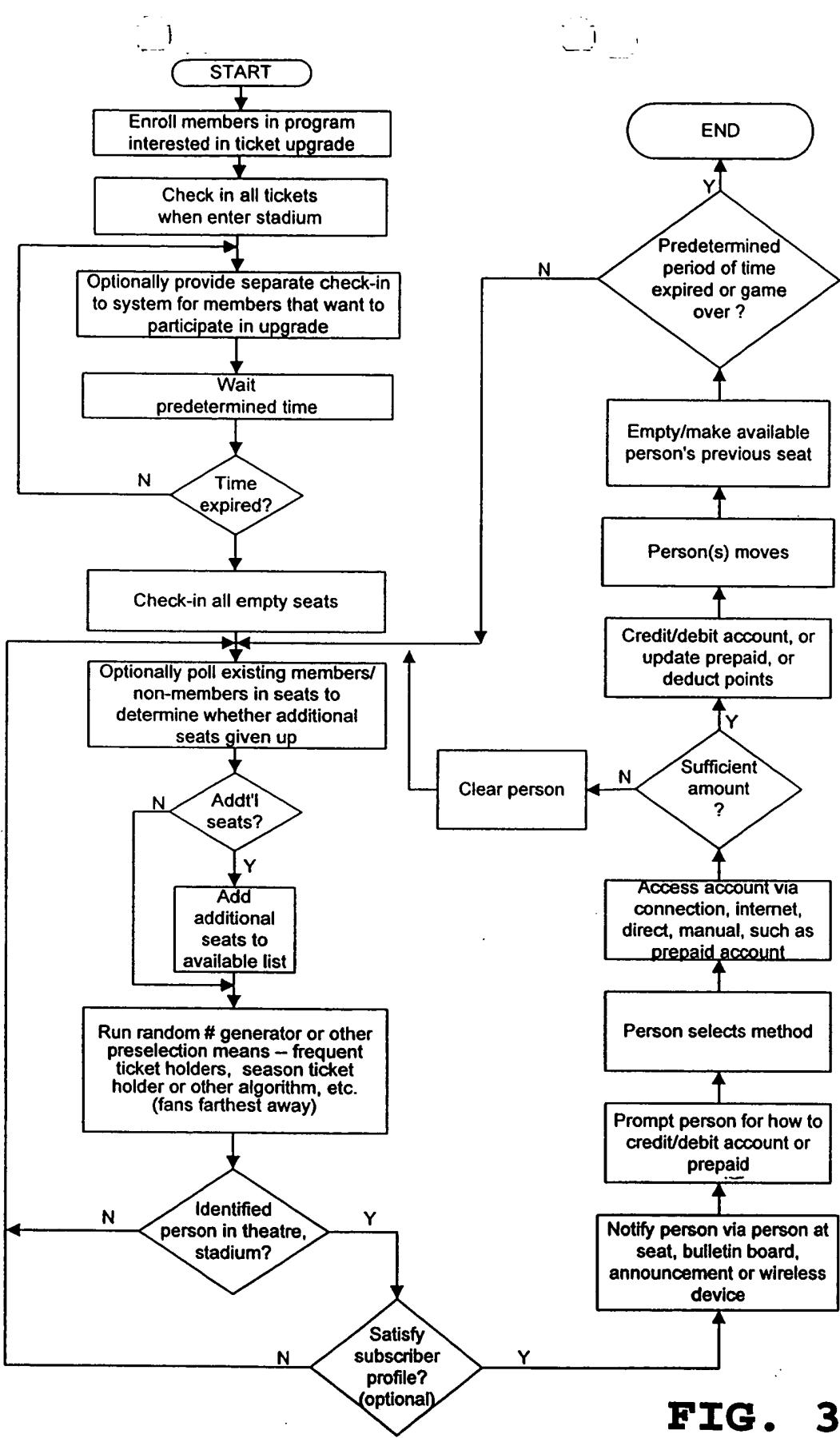
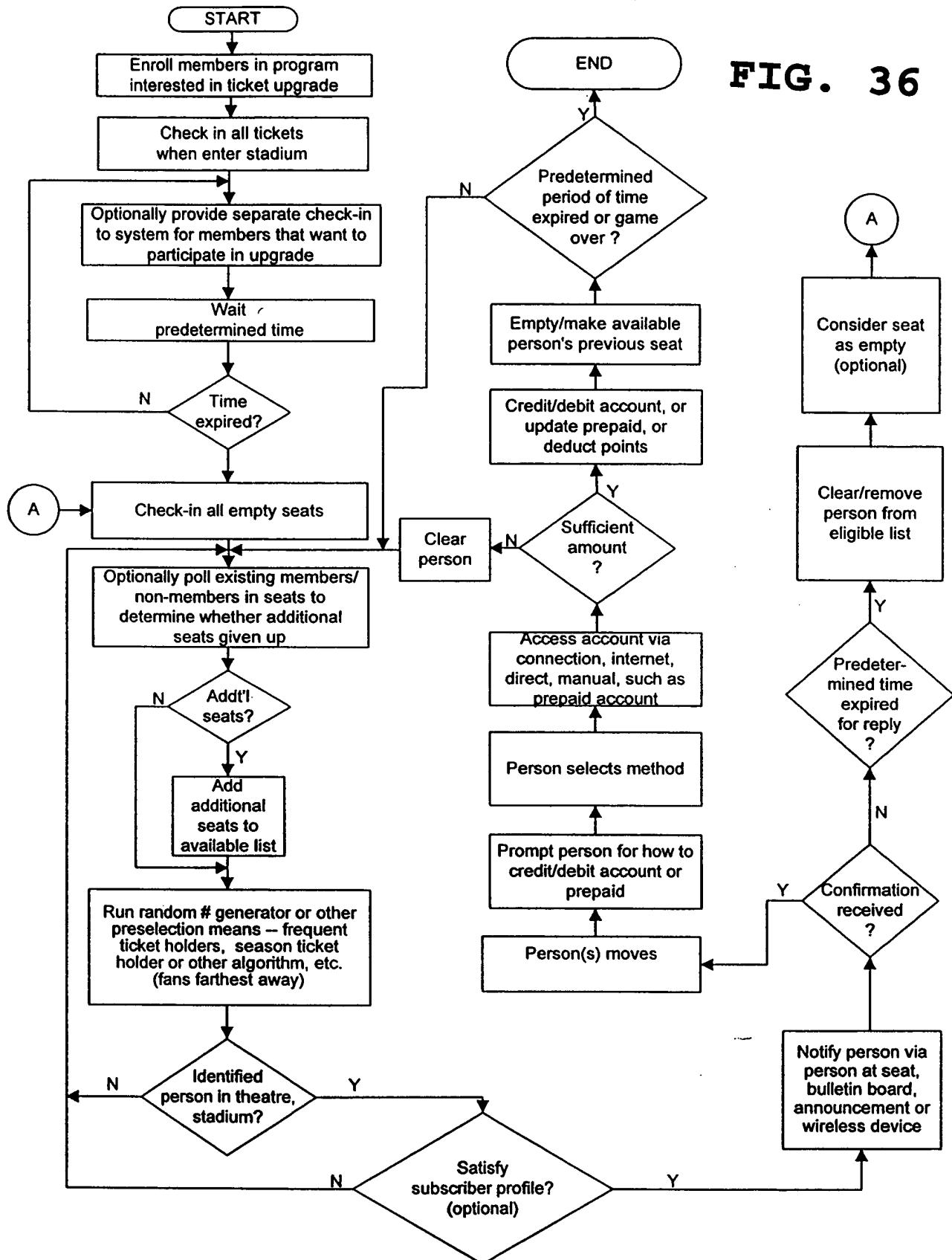


FIG. 35

FIG. 36



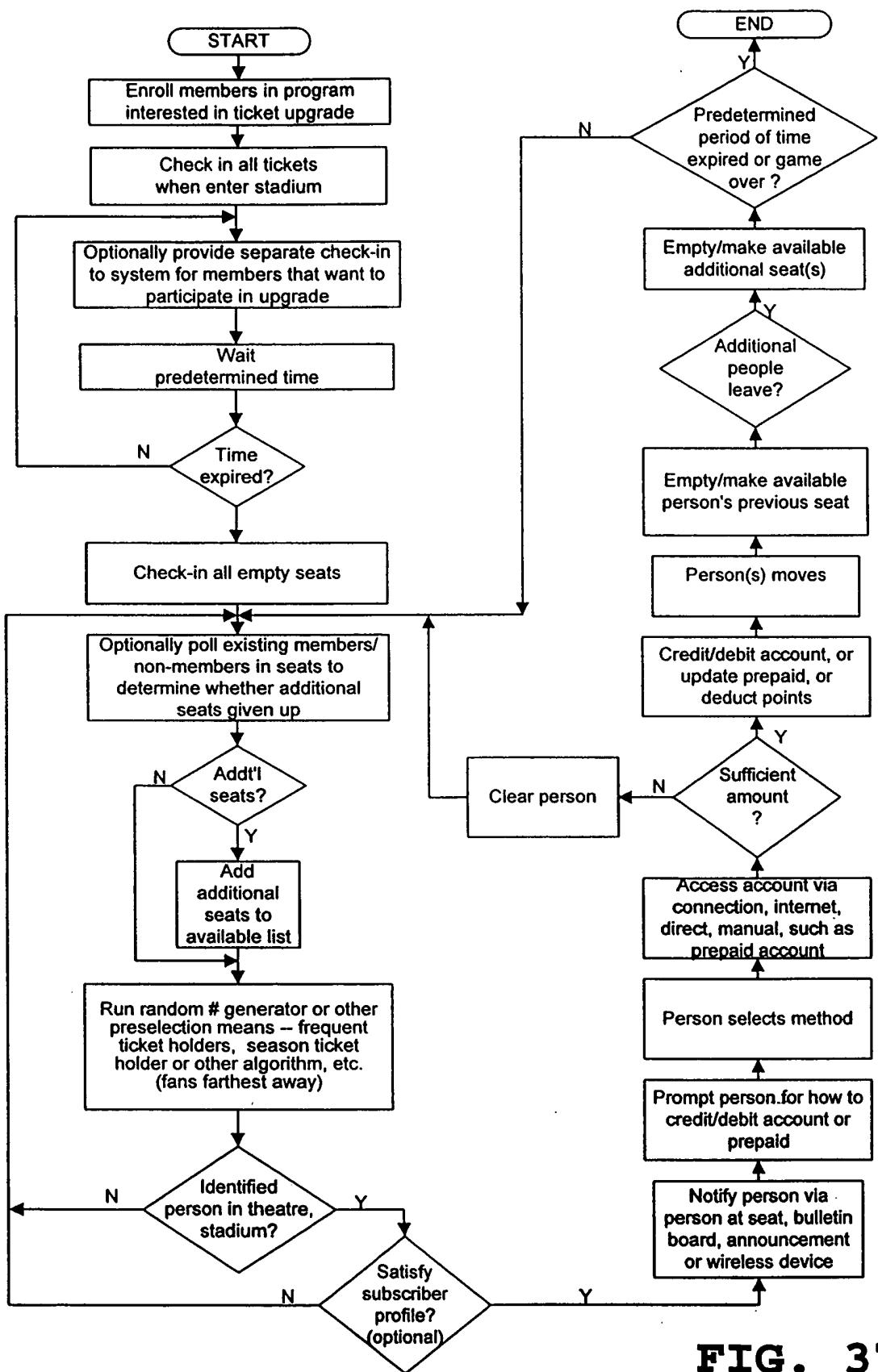


FIG. 37

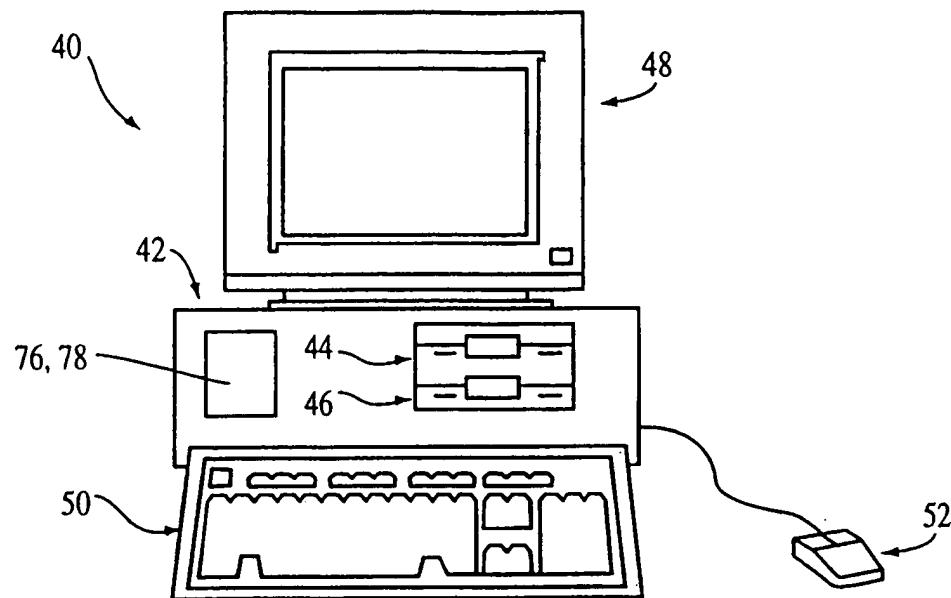


FIG. 38

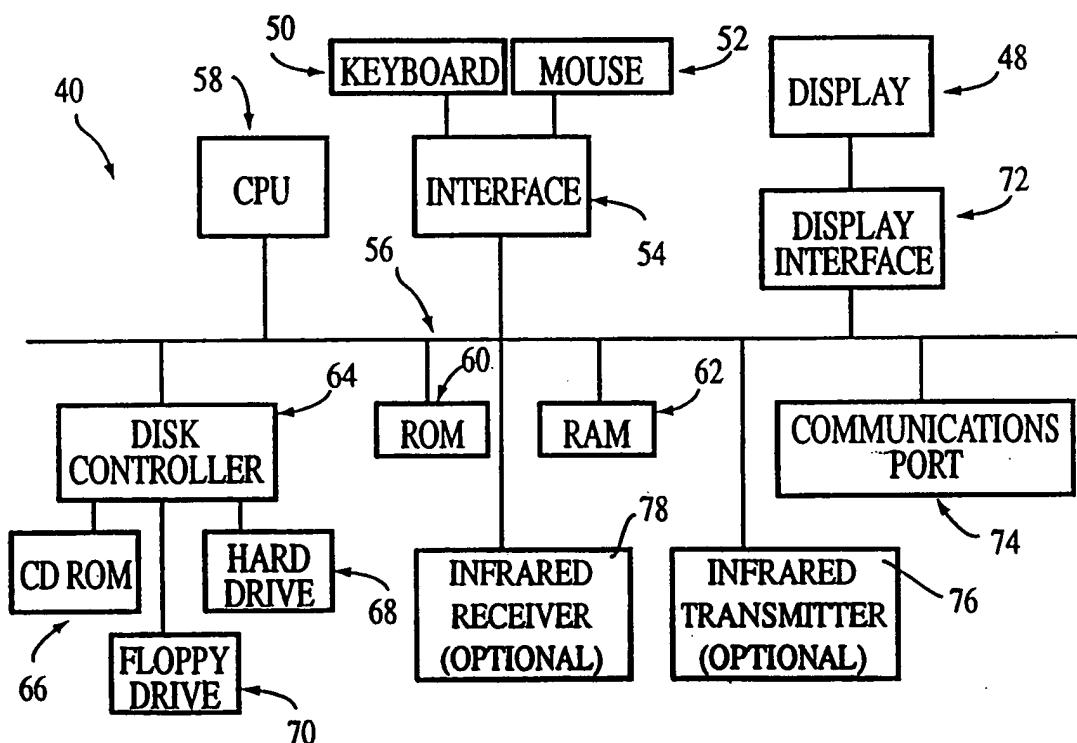


FIG. 39

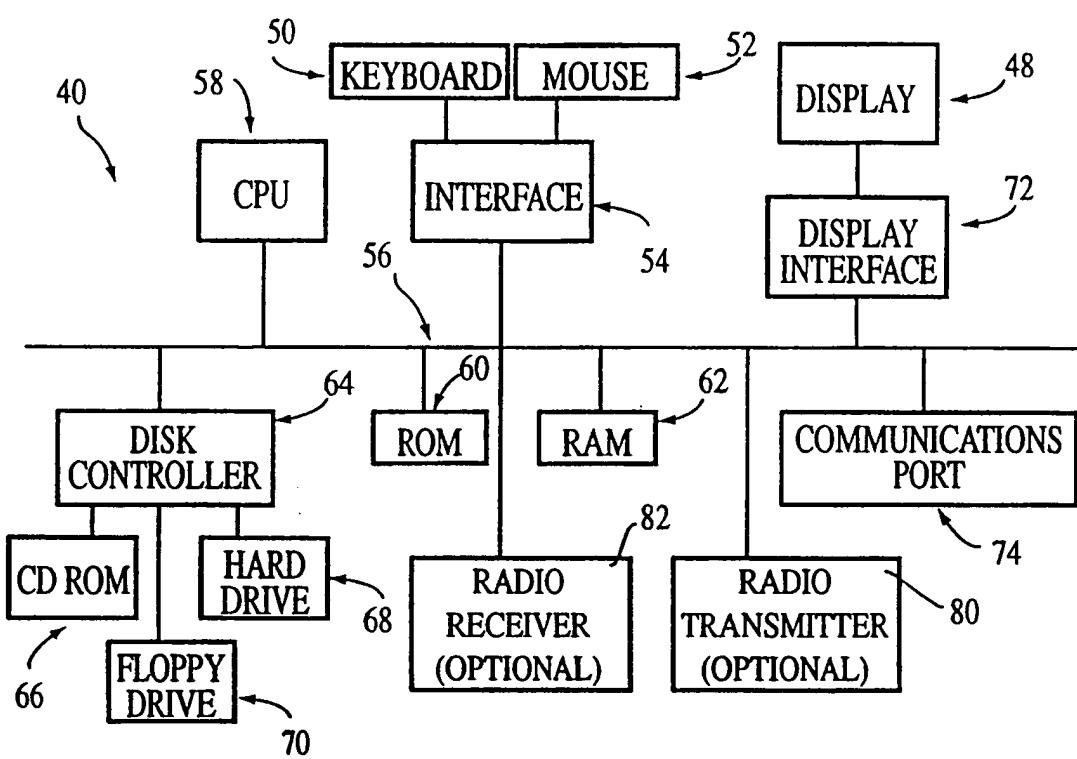


FIG. 40

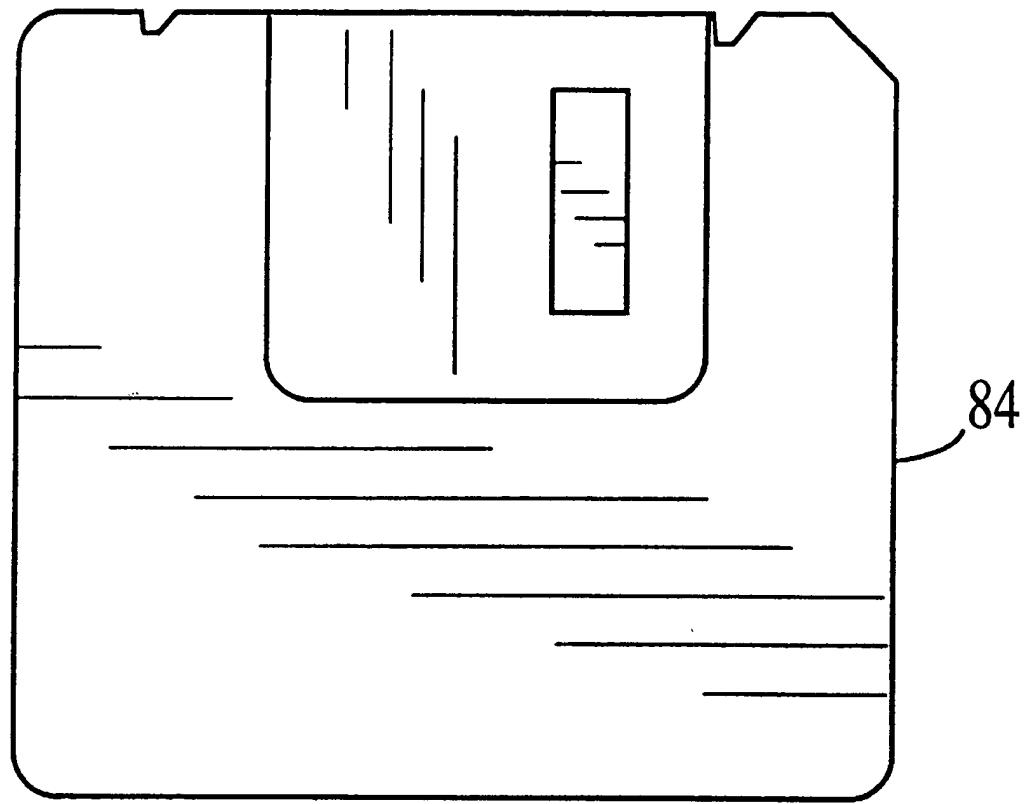


FIG. 41

FIG. 42

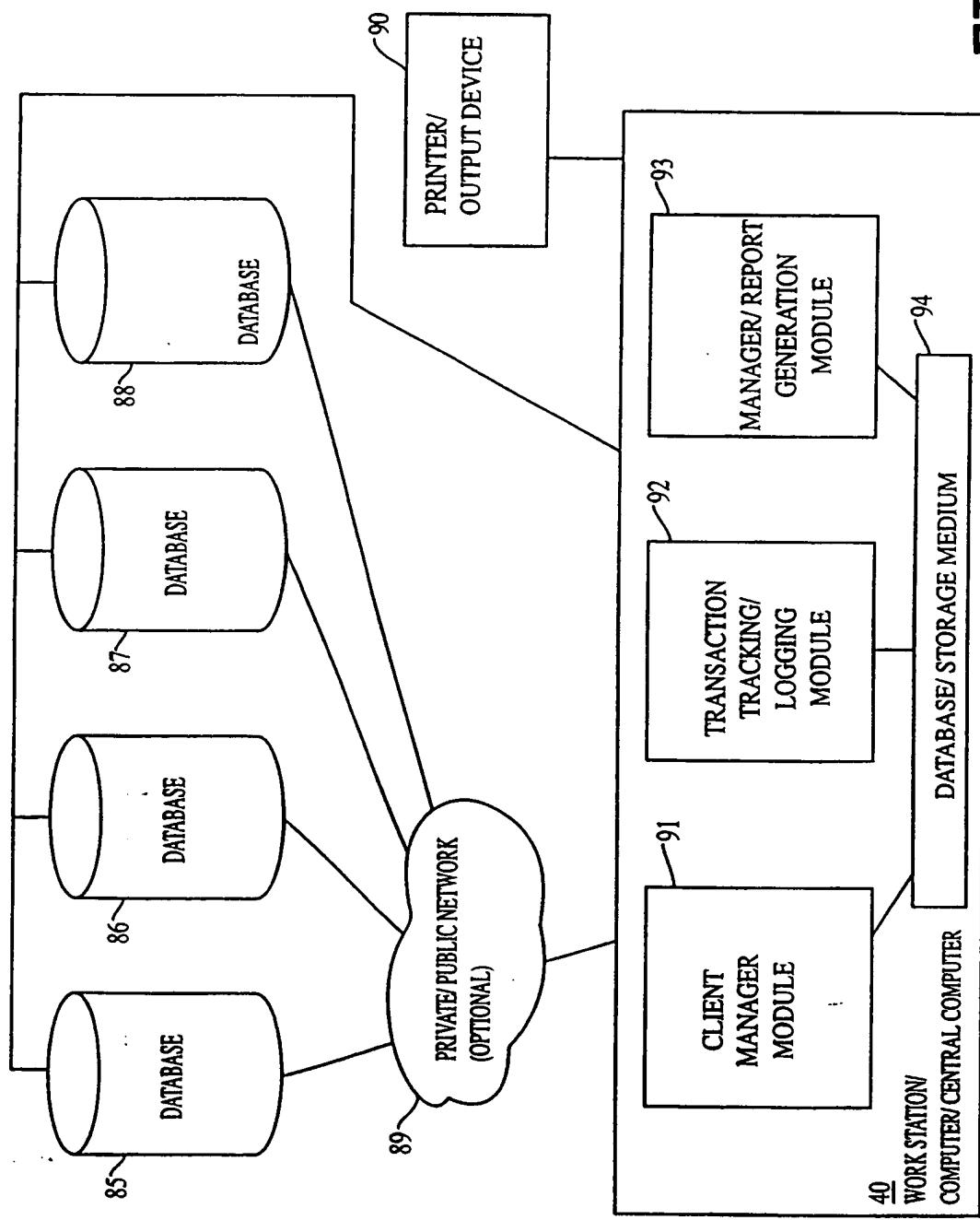
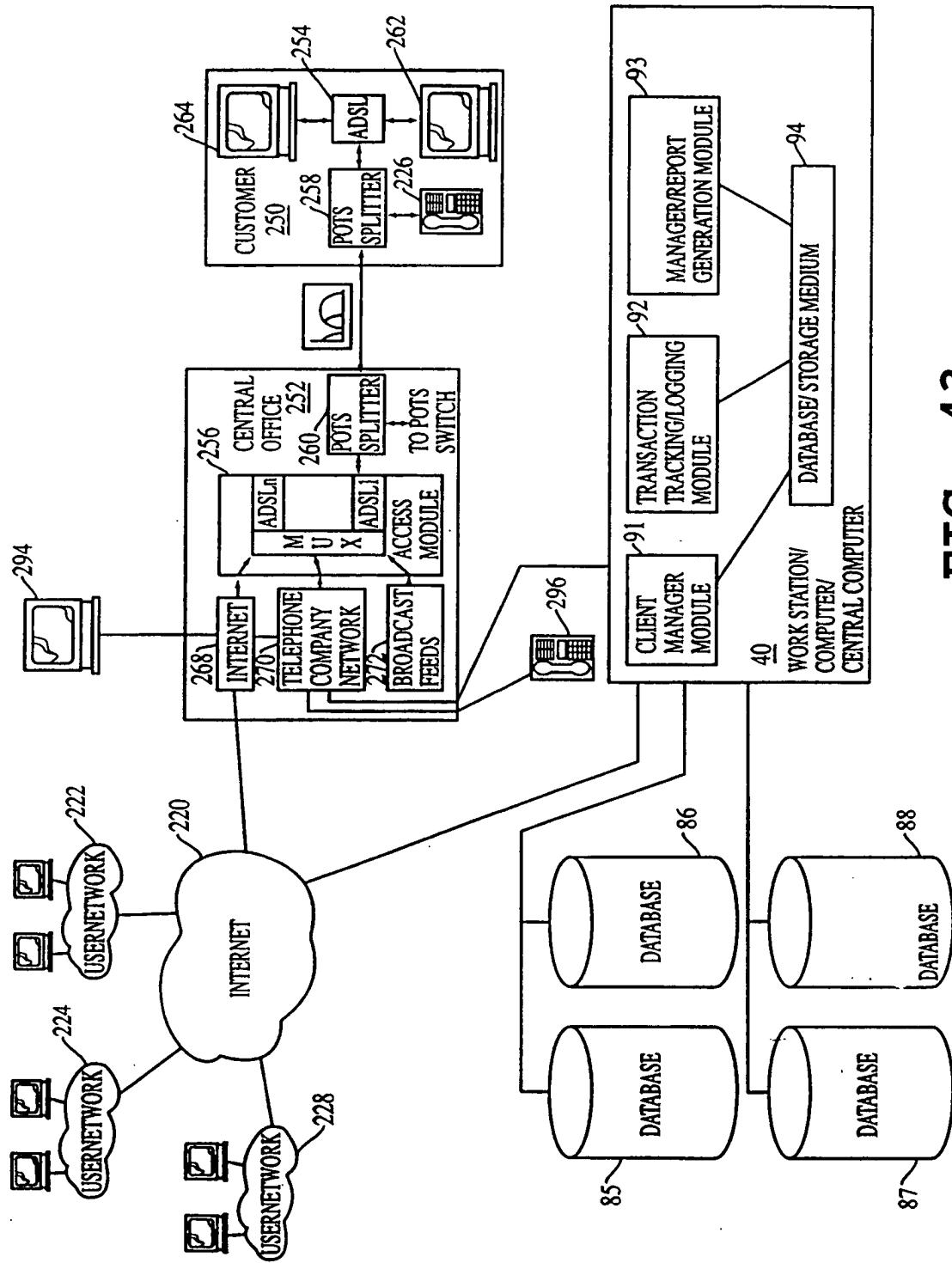


FIG. 43



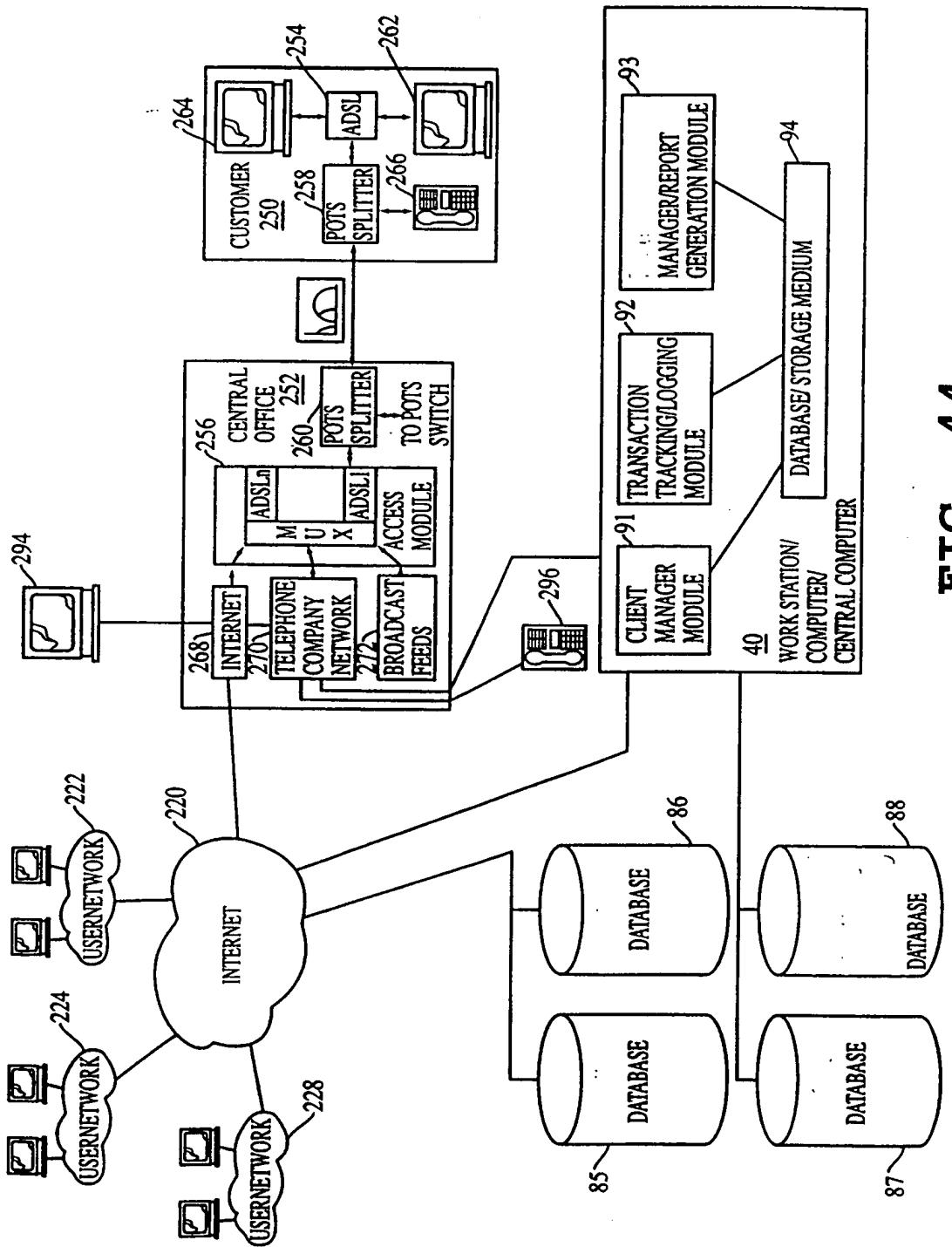


FIG. 44

FIG. 45

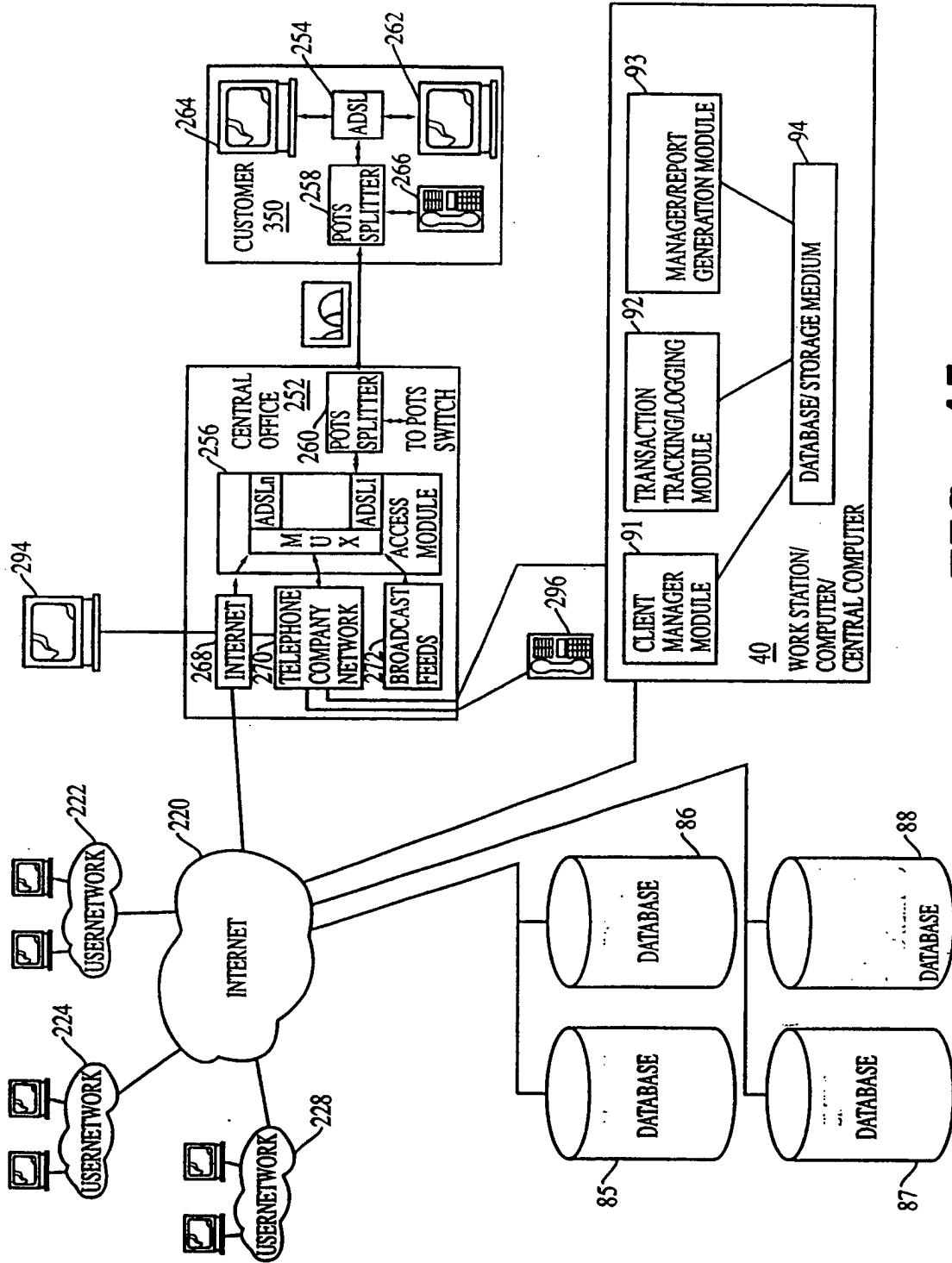


FIG. 46

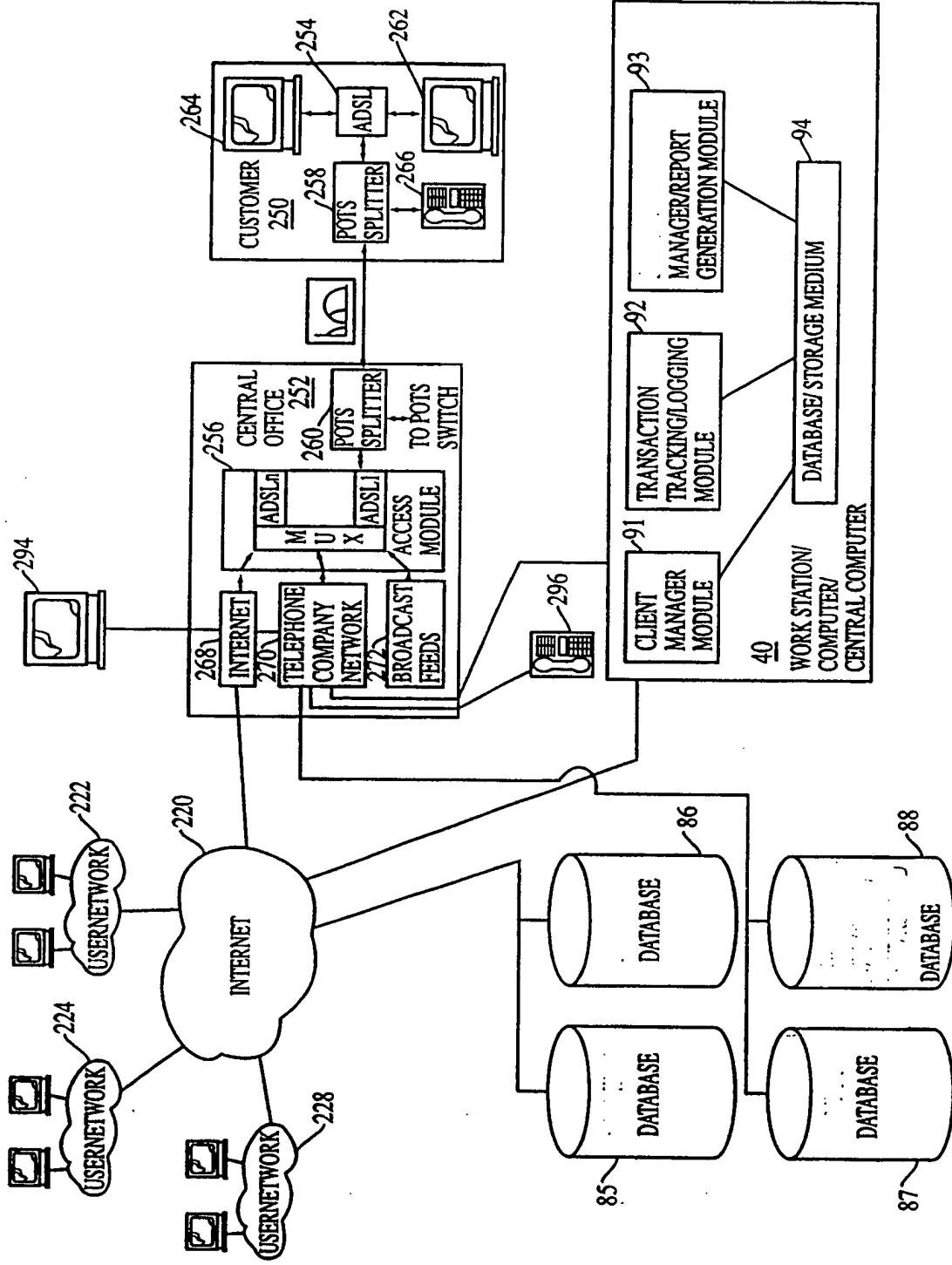
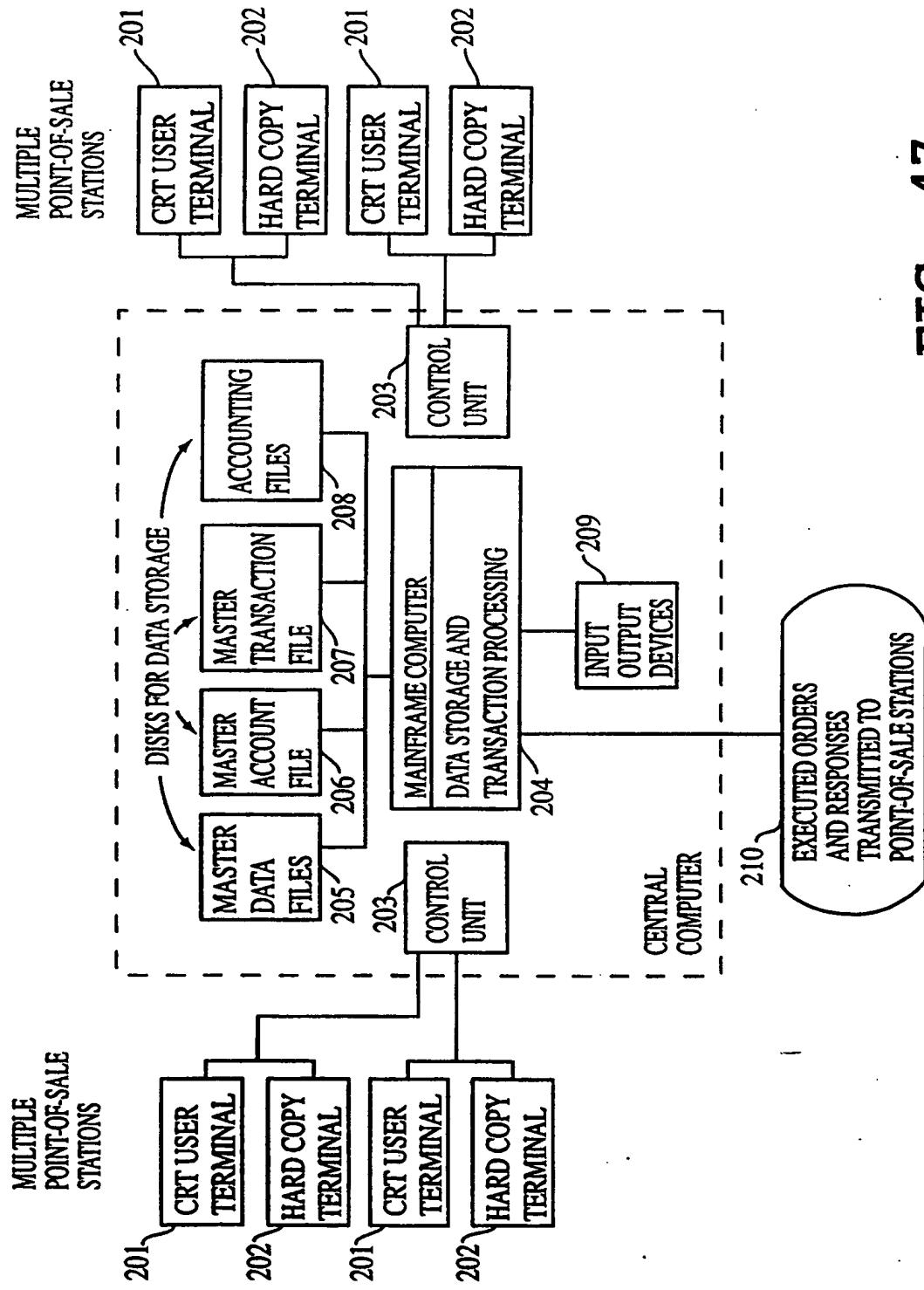


FIG. 47



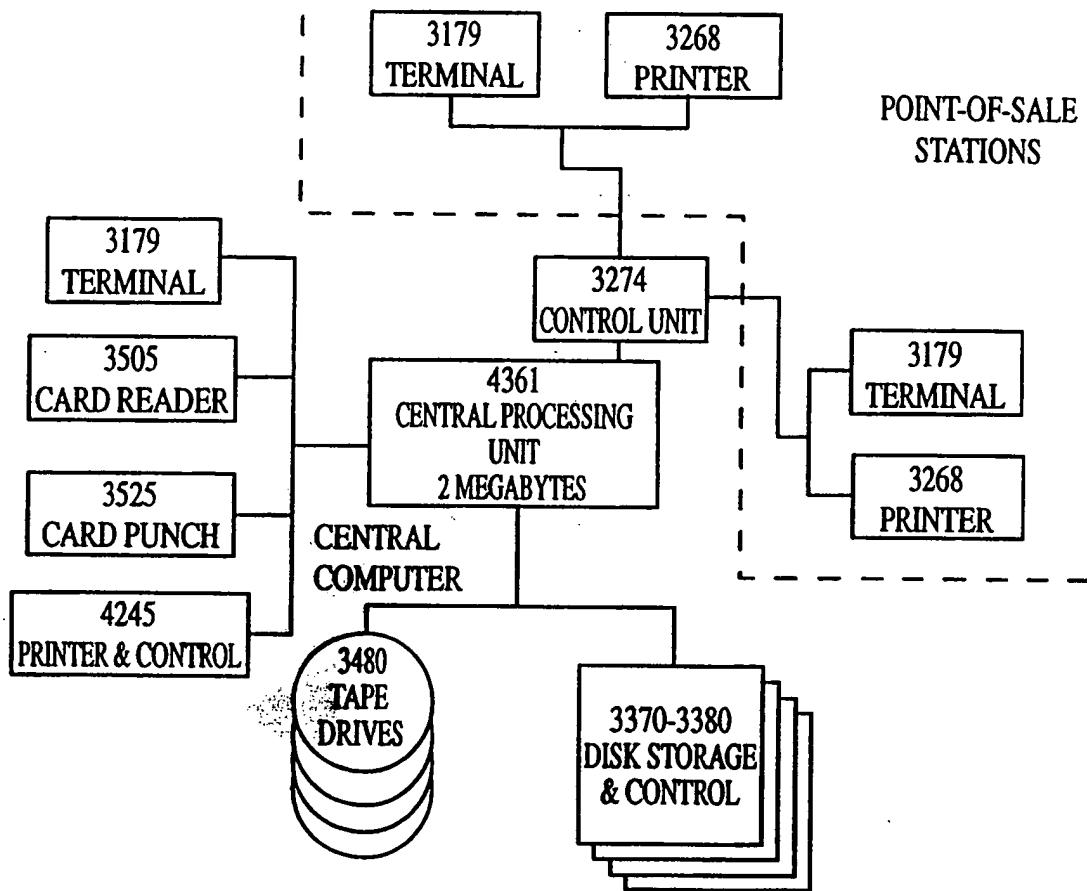


FIG. 48